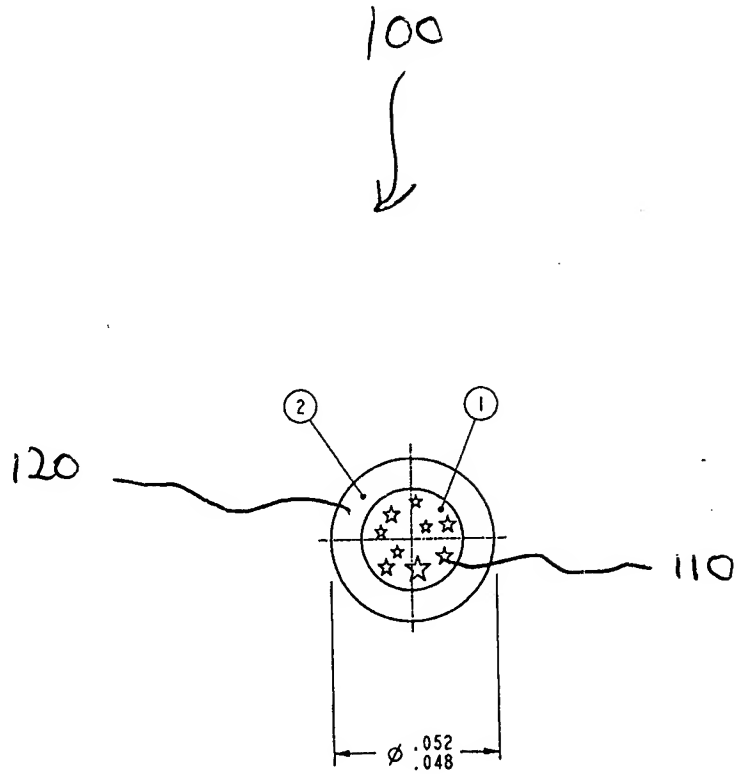
Fig 1



20T0E0" 69058001

Fig. 2

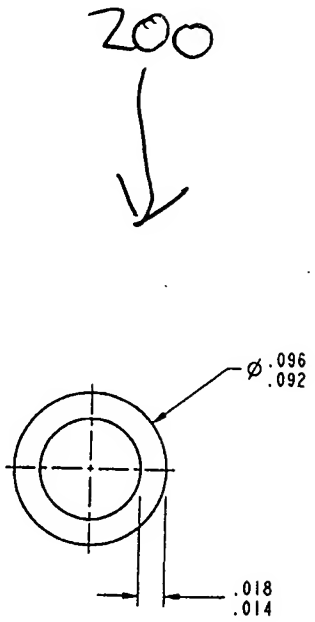


Fig3

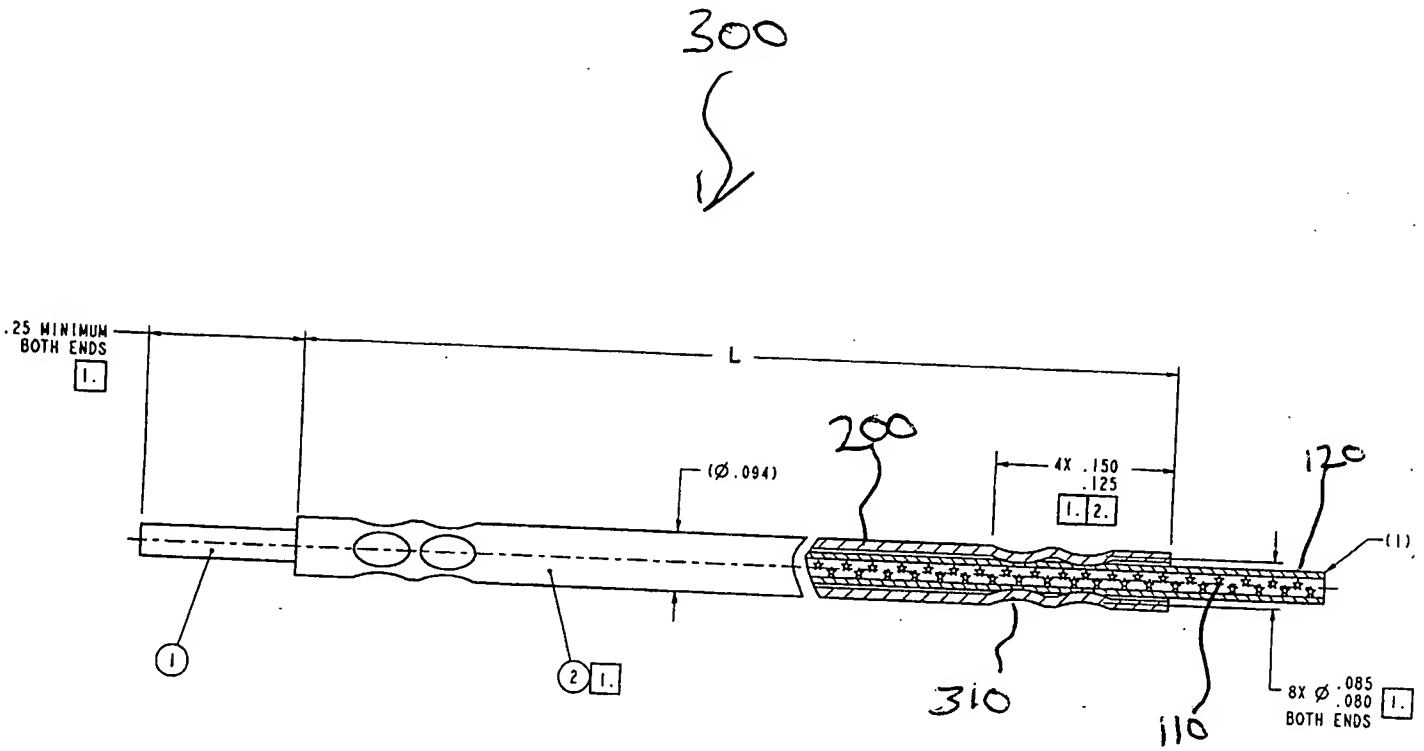

300
.25 MINIMUM
BOTH ENDS
1.
L
(Ø.094)
200
4X .150
.125
1. 2.
120
(1)
1
2 1.
310
110
8X Ø .085
.080
BOTH ENDS
1.

Fig 4

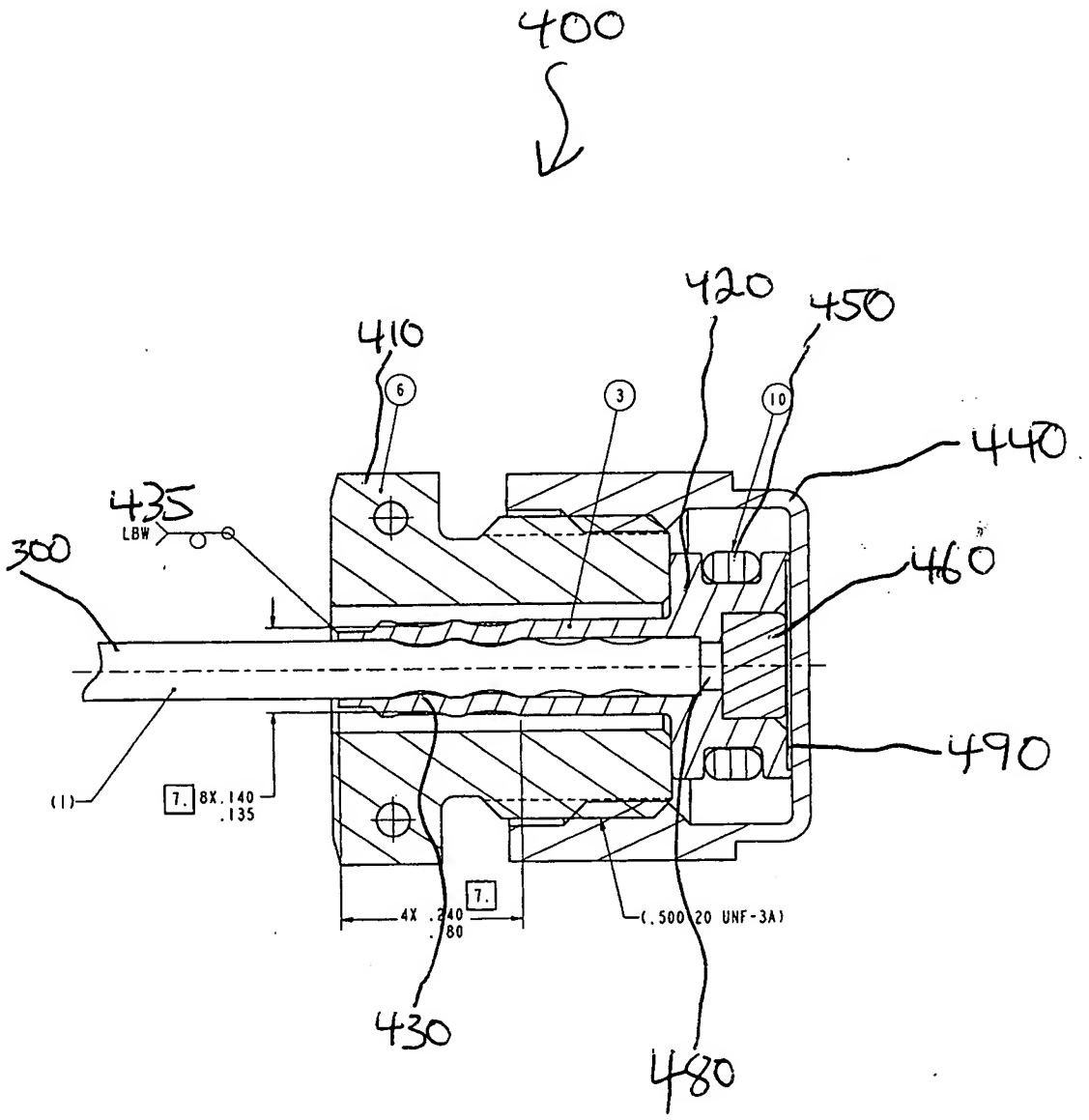

400
410
420
450
440
460
490
435
LBW
300
(1)
7. 8X .140 .135
7.
4X .240 .180
(.500 20 UNF-3A)
430
480

Fig 5A

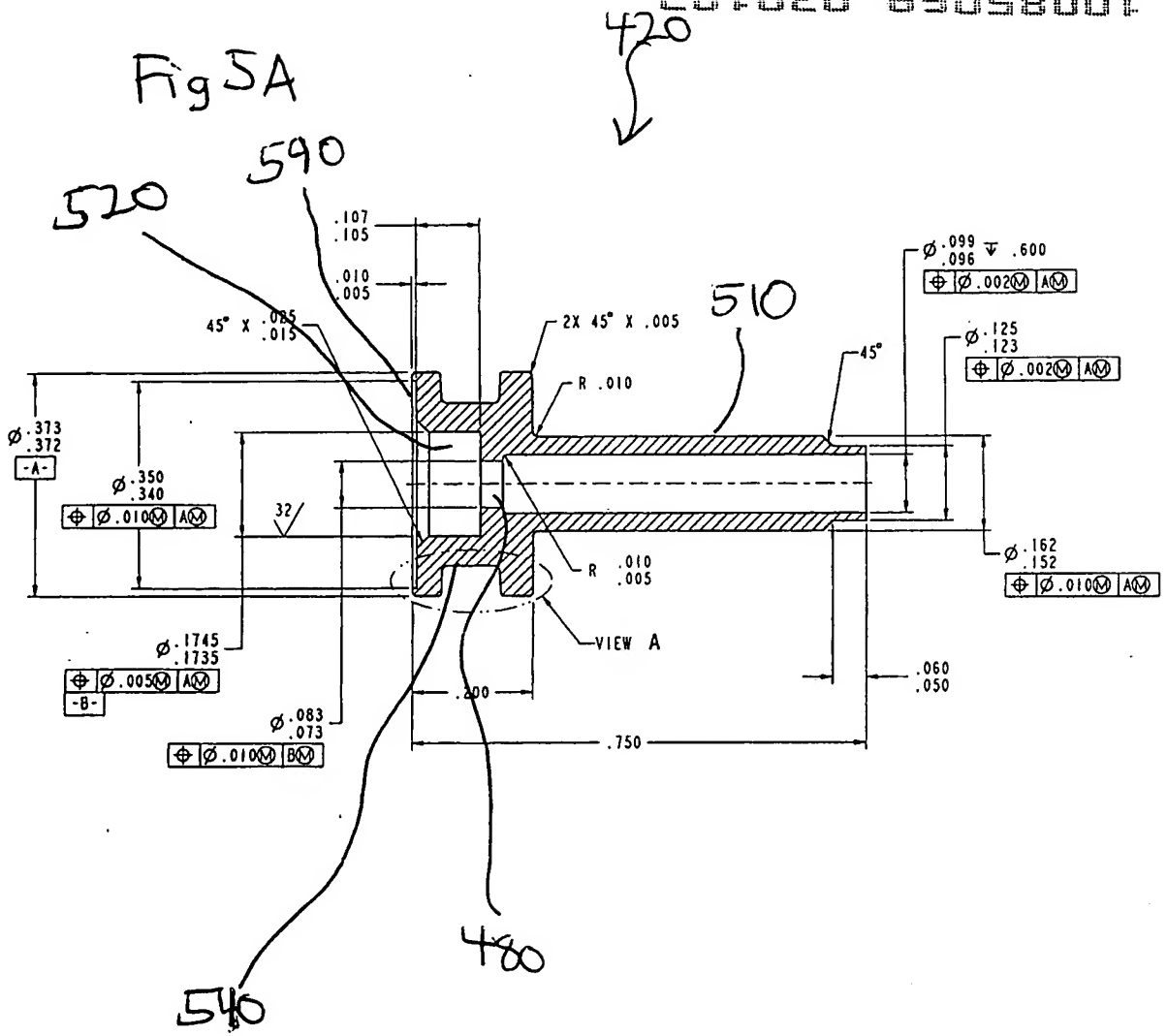
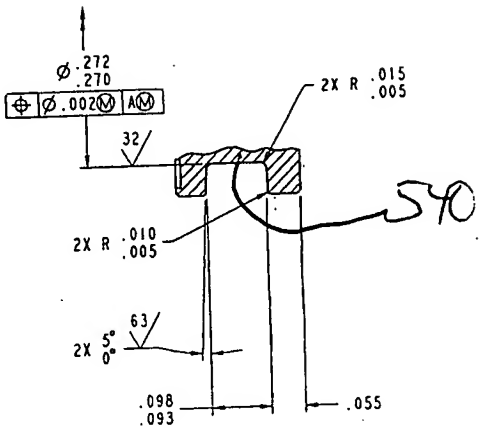


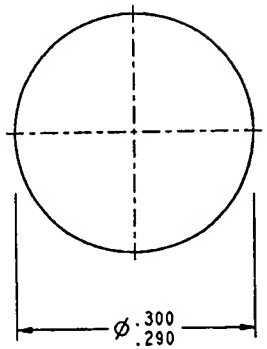
Fig 5B



VIEW A

490

Fig6A



490

Fig6B

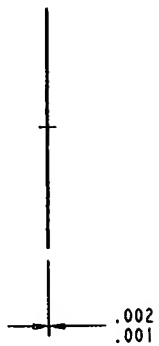


Fig 7A

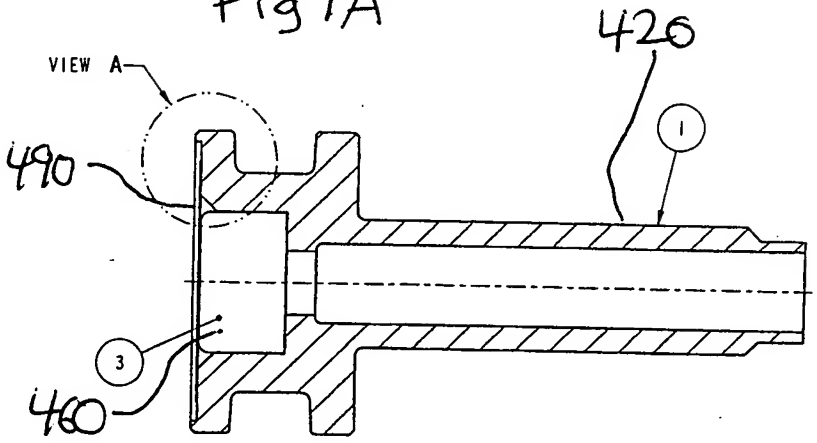
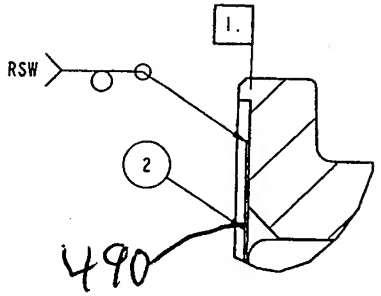


Fig 7B



VIEW A
SCALE 20:1

410

Fig 8A

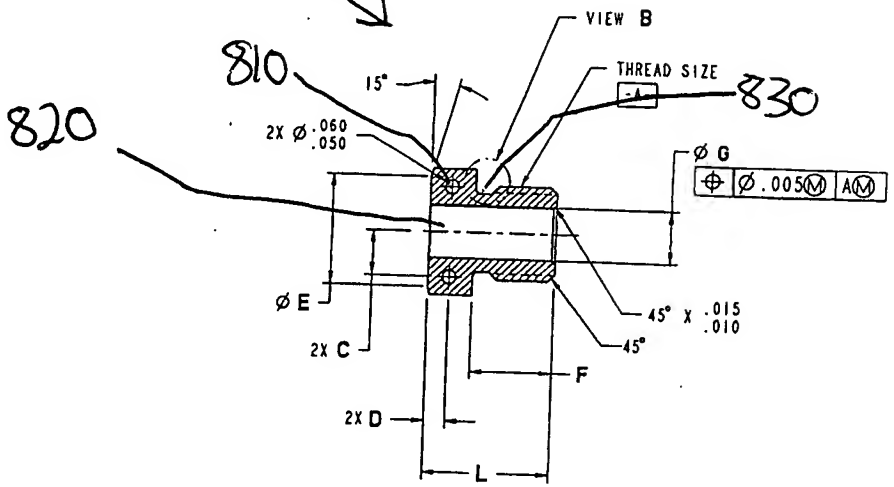


Fig 8B

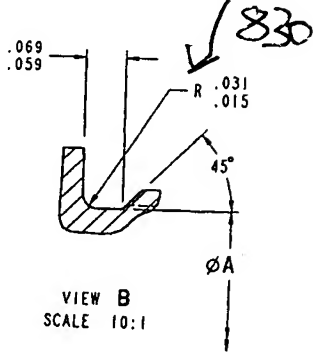


Fig 9

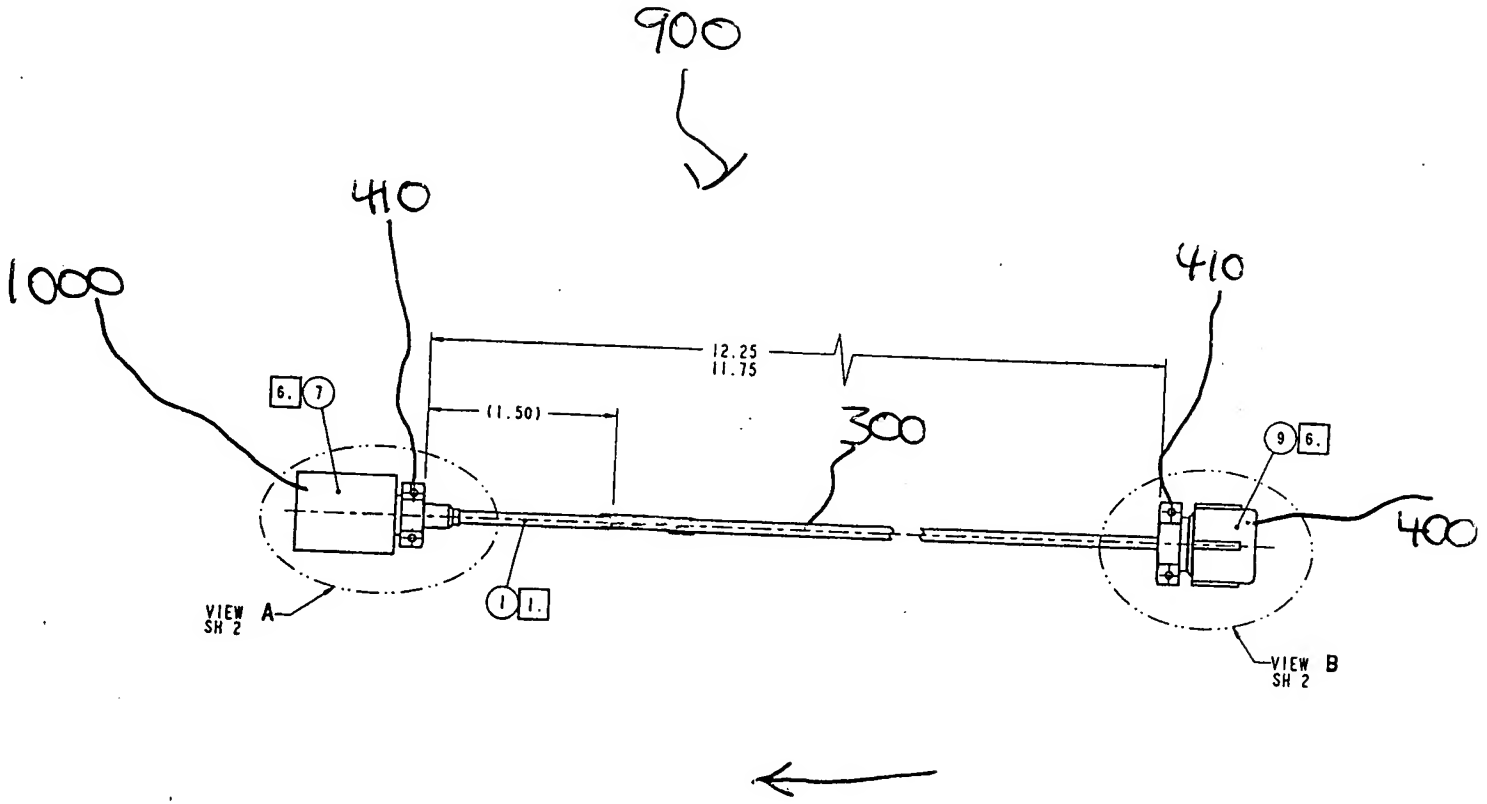

900
410
1000
410
12.25
11.75
(1.50)
300
6.
7
9
6.
400
1
1.
VIEW A
SH 2
VIEW B
SH 2

Fig 10

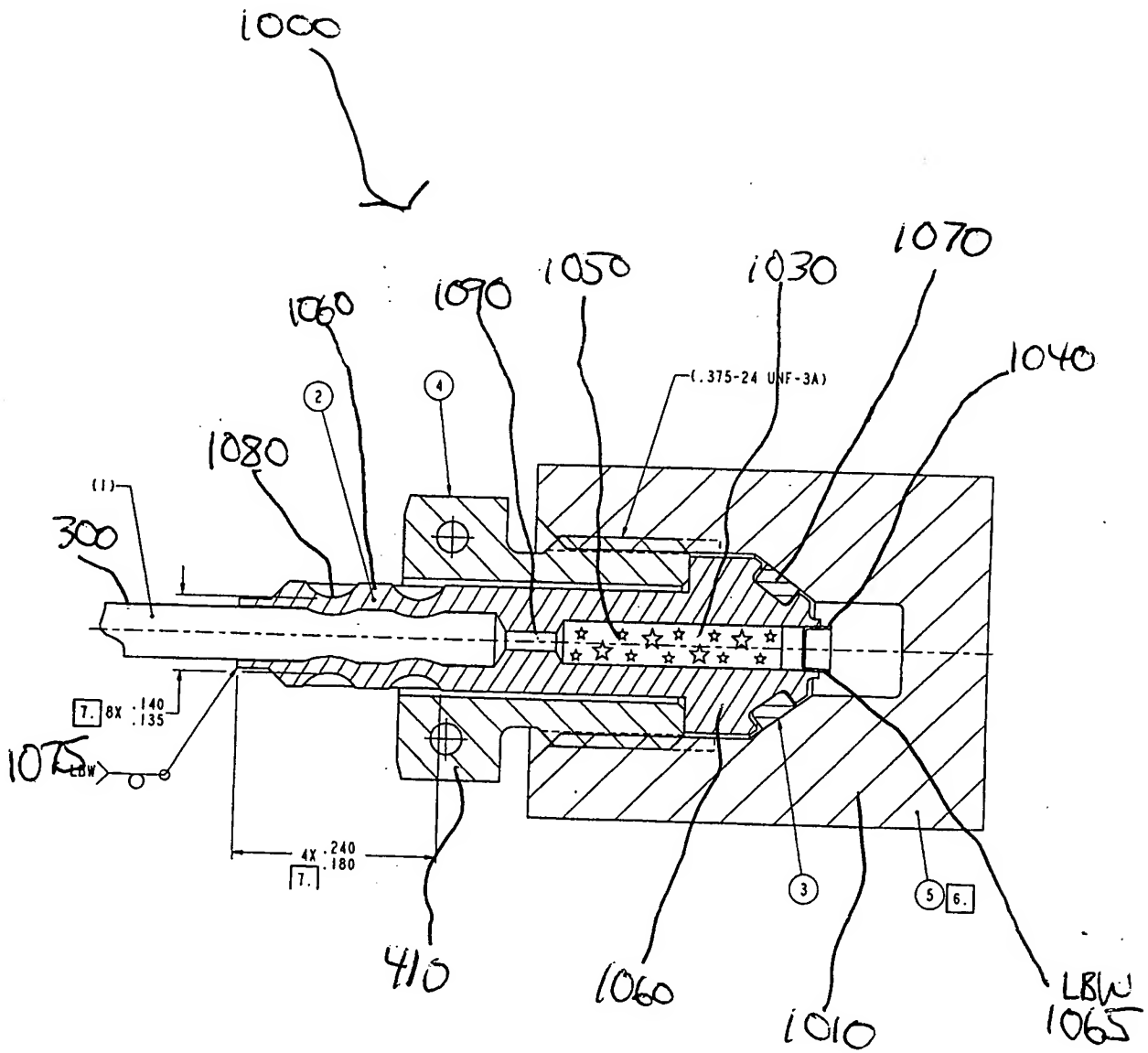

1000
1070
1050
1030
1090
1060
1040
(.375-24 UNF-3A)
2
4
1080
(1)
300
7. 8X .140 .135
1075
LBW
4X .240 .180
7.
410
1060
3
5
6.
1010
LBW
1065

Fig 11

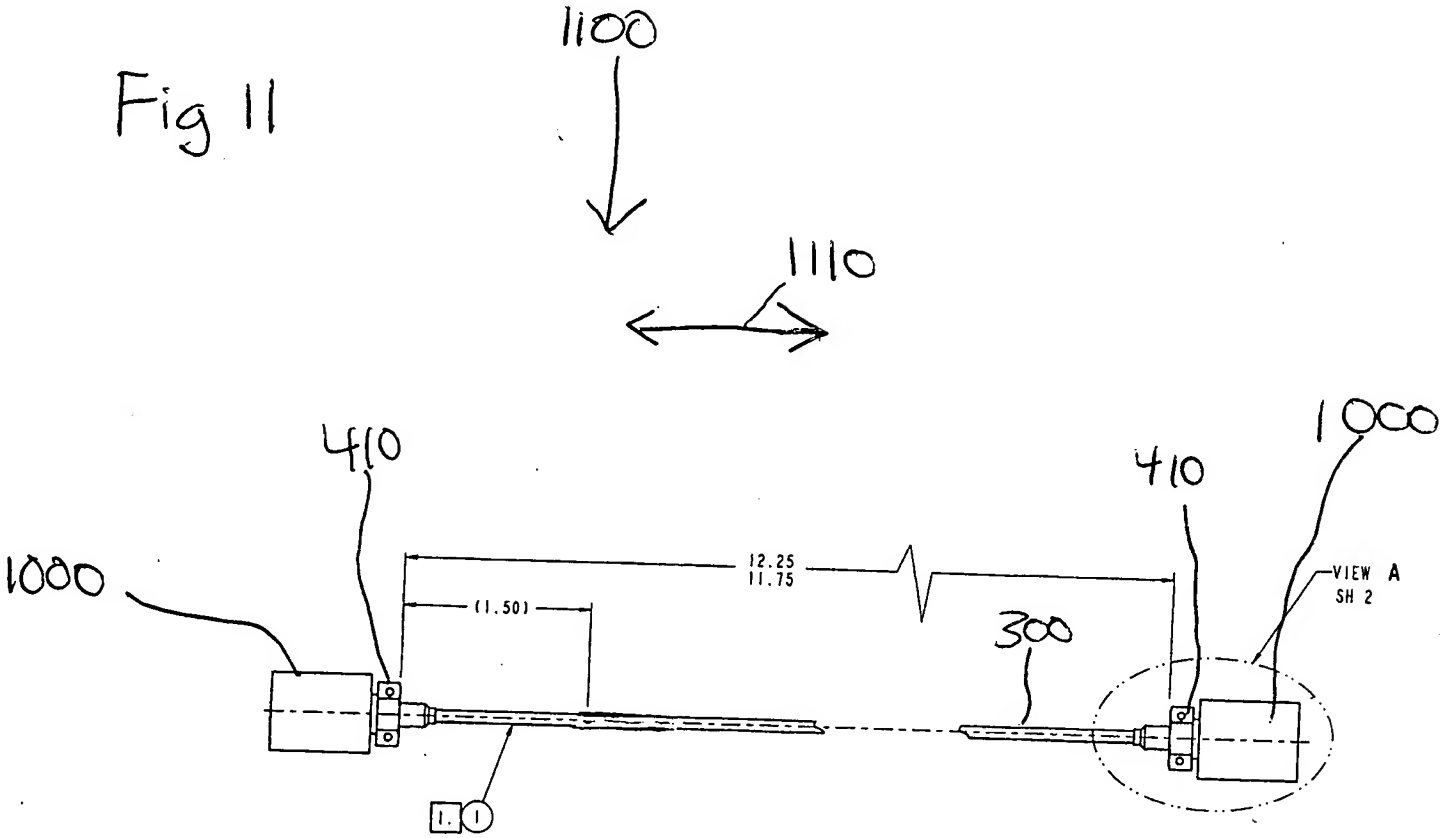


Fig 12

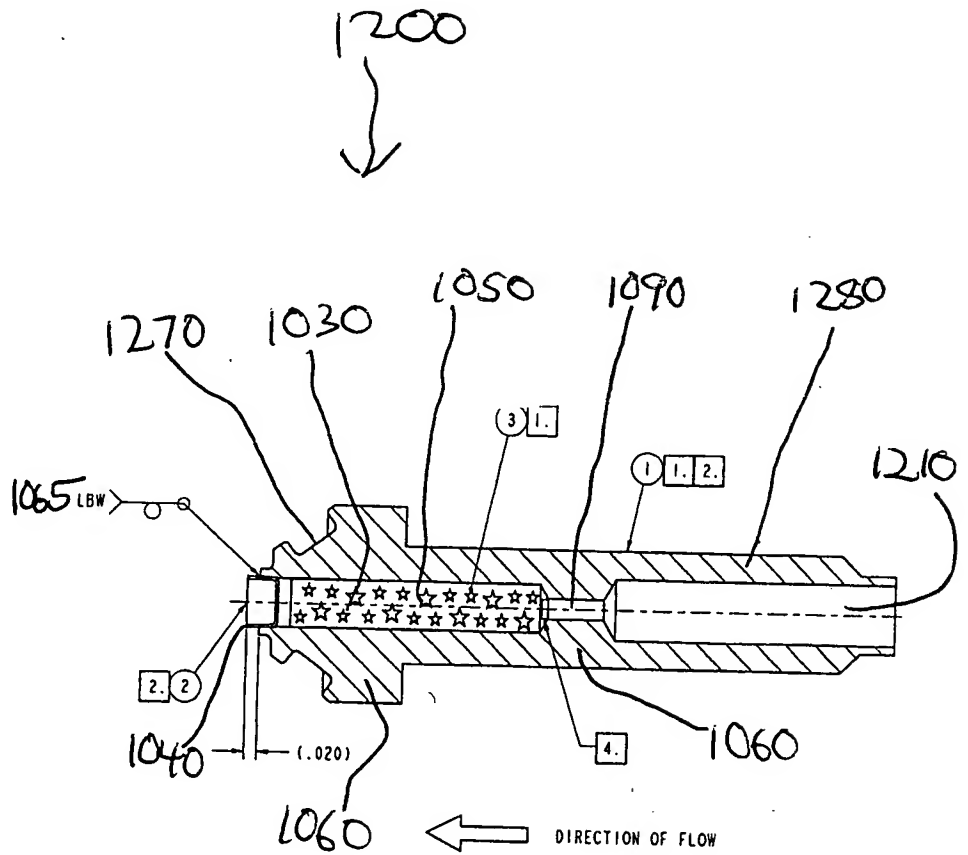

1200
1270
1030
1050
1090
1280
1210
1065
LBW
3
1.
1
1.
2.
2.
2
1040
(.020)
4.
1060
1060
DIRECTION OF FLOW

Fig 13A

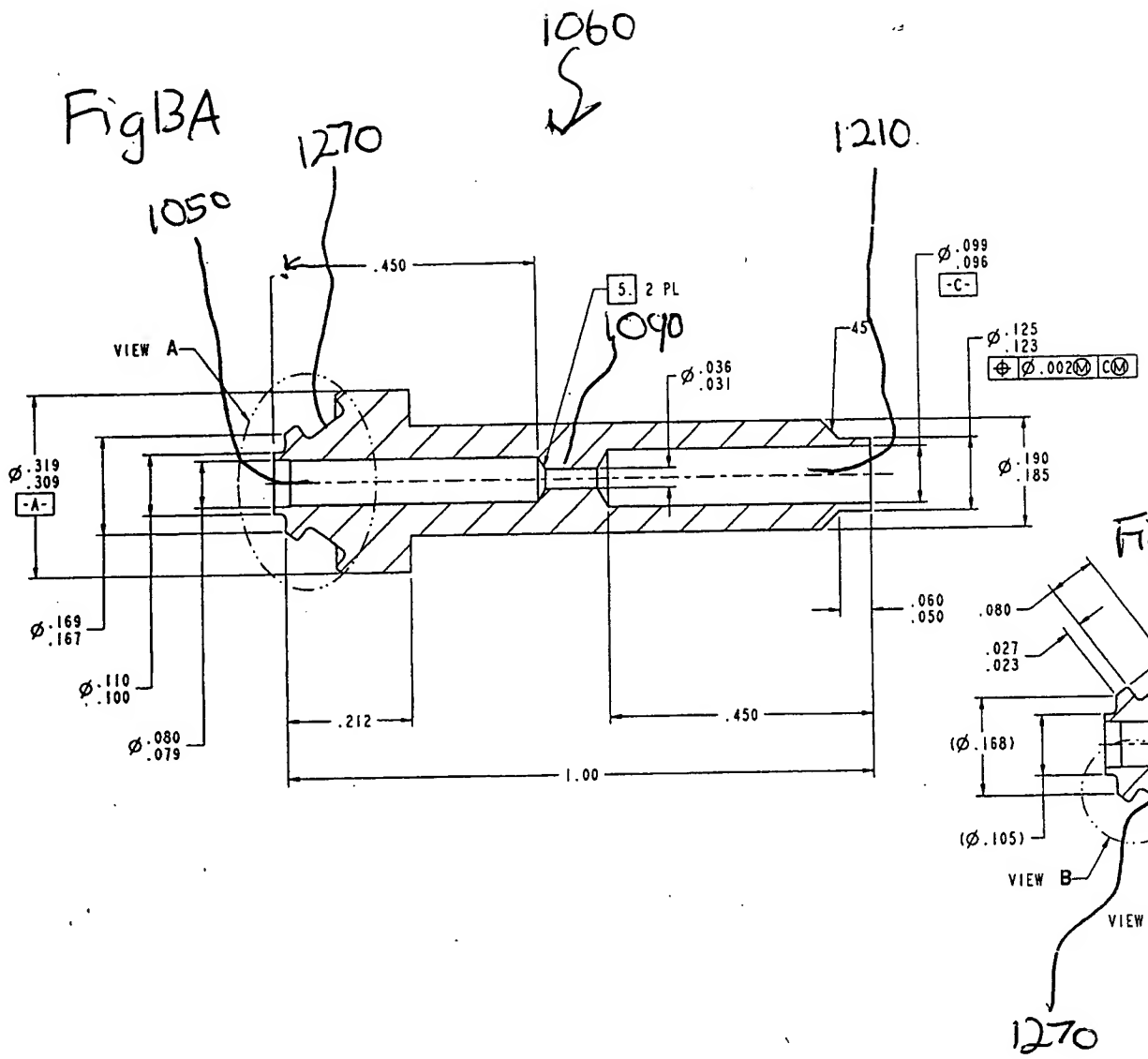


Fig 13B

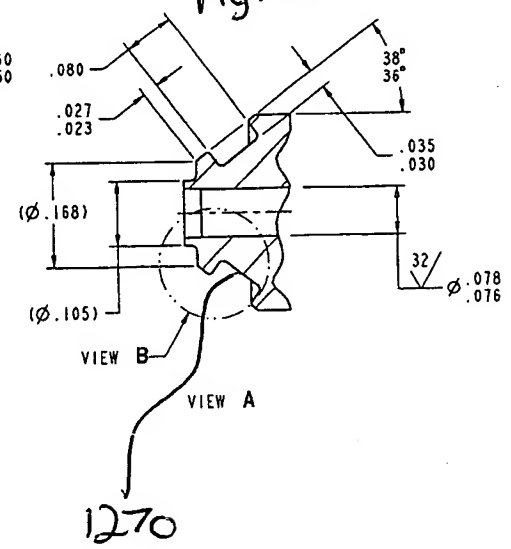
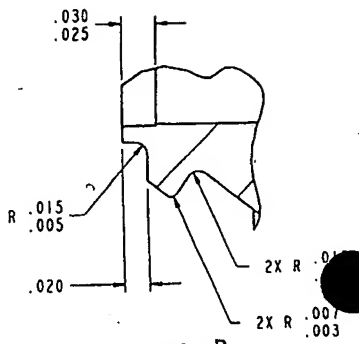


Fig 13C



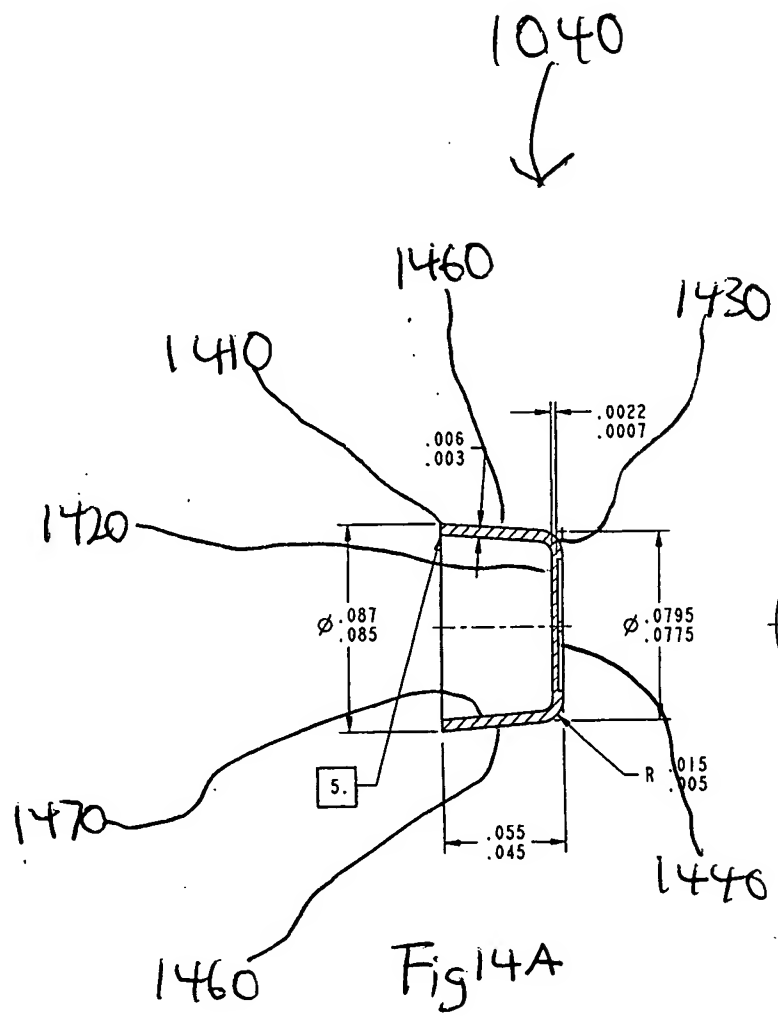


Fig14A

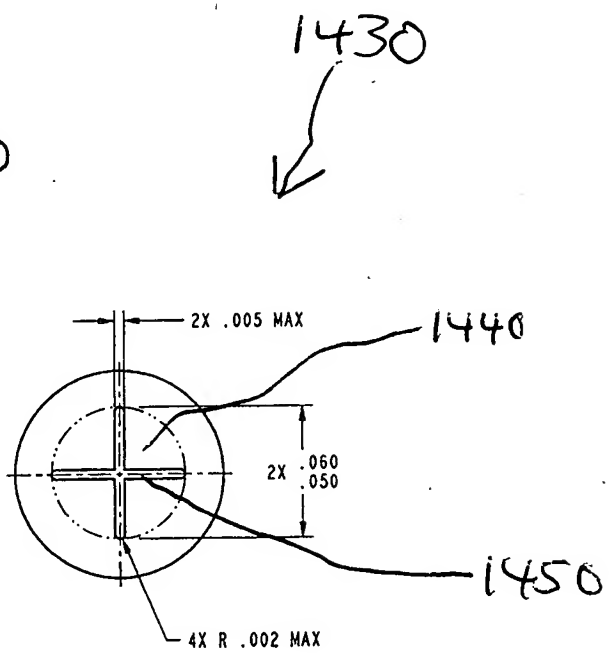
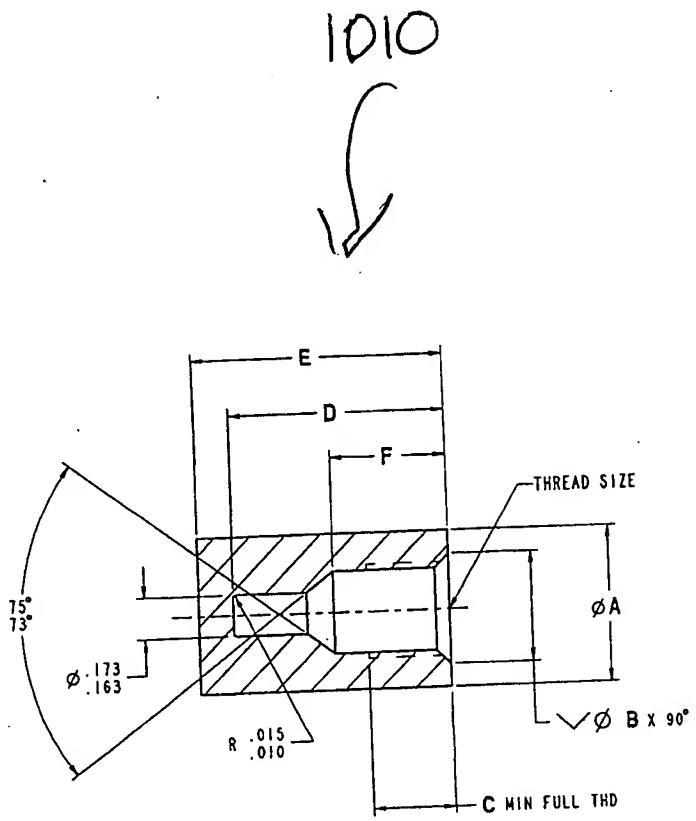


Fig14B

Fig 15


1010
E
D
F
THREAD SIZE
ØA
75°
73°
Ø .173
.163
R .015
.010
Ø B X 90°
C MIN FULL THD

20T0E0*69058007

1070

SCALE 4:1

Fig 16A

1070

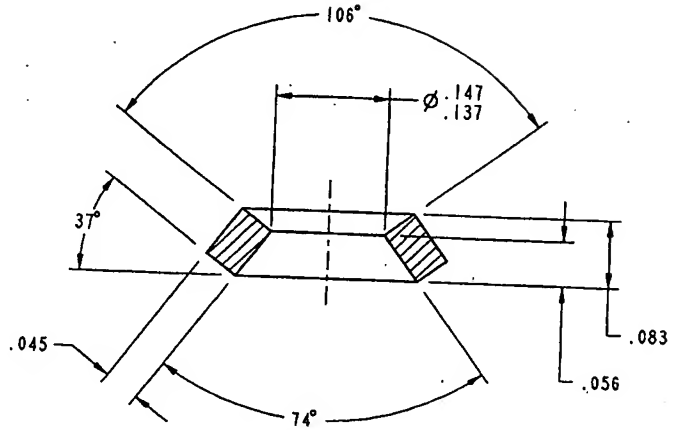


Fig 16B

Fig 17

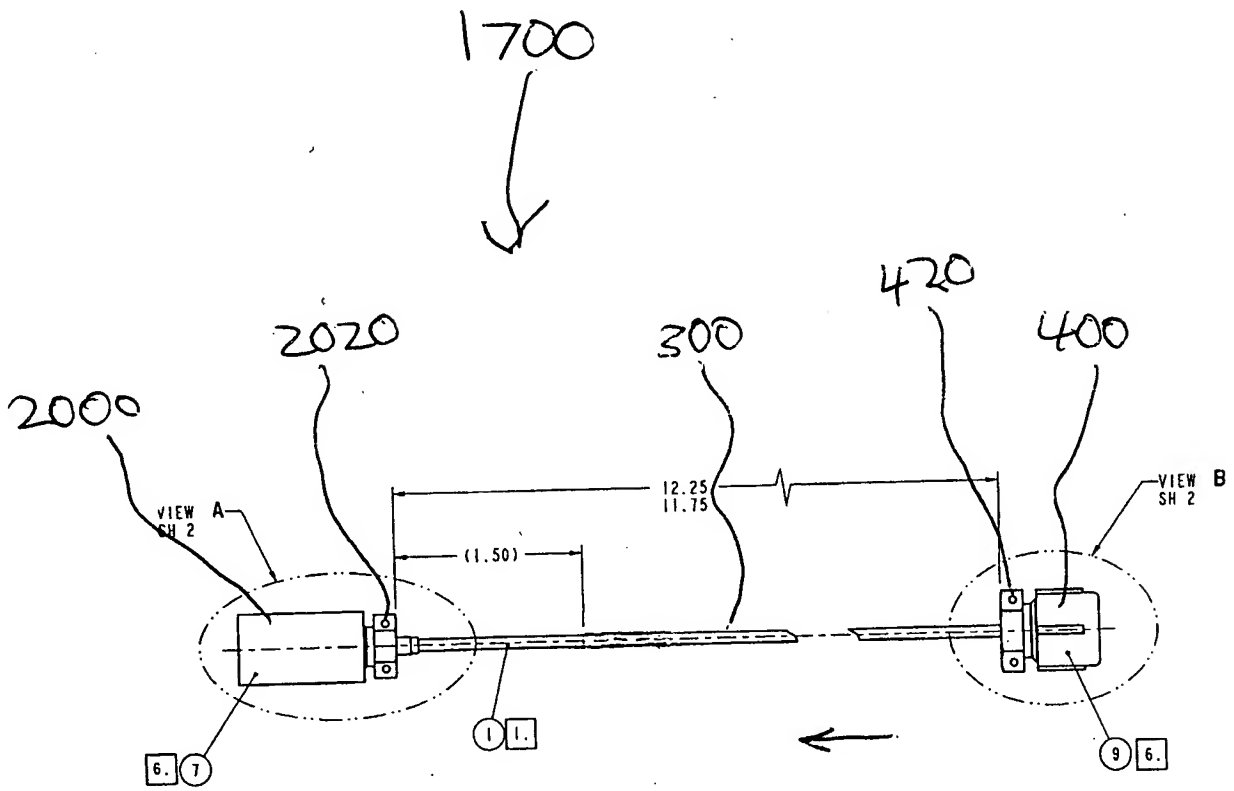

1700
2000
2020
300
420
400
VIEW A
SH 2
12.25
11.75
(1.50)
VIEW B
SH 2
6.
7
1
1.
9
6.

Fig 18

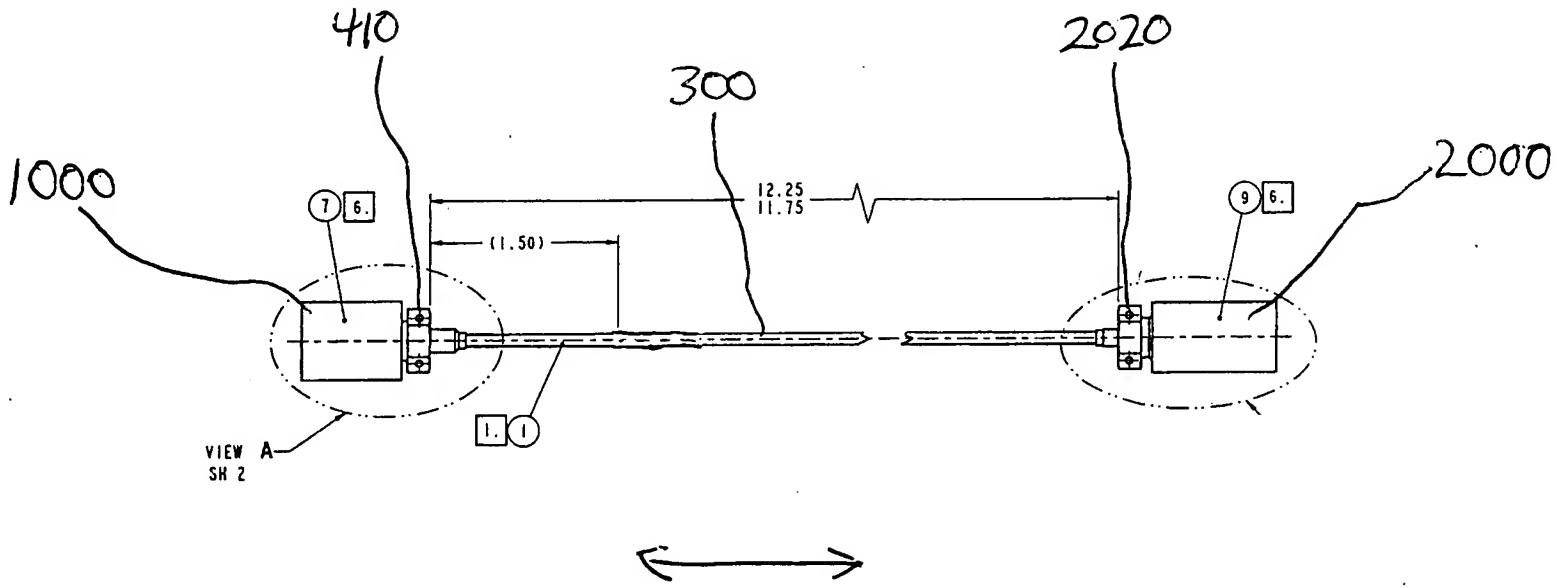


Fig 19

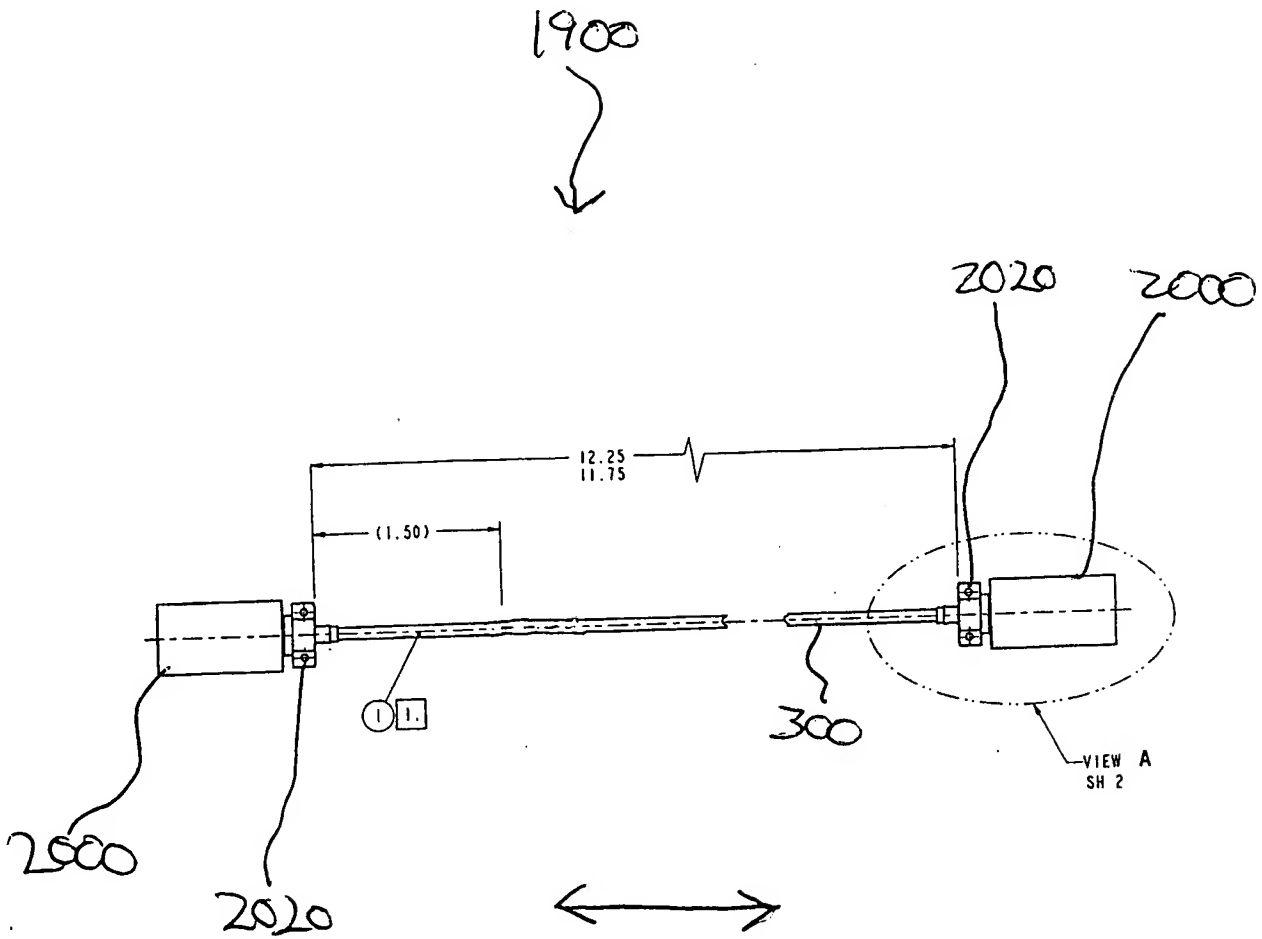


Fig 20

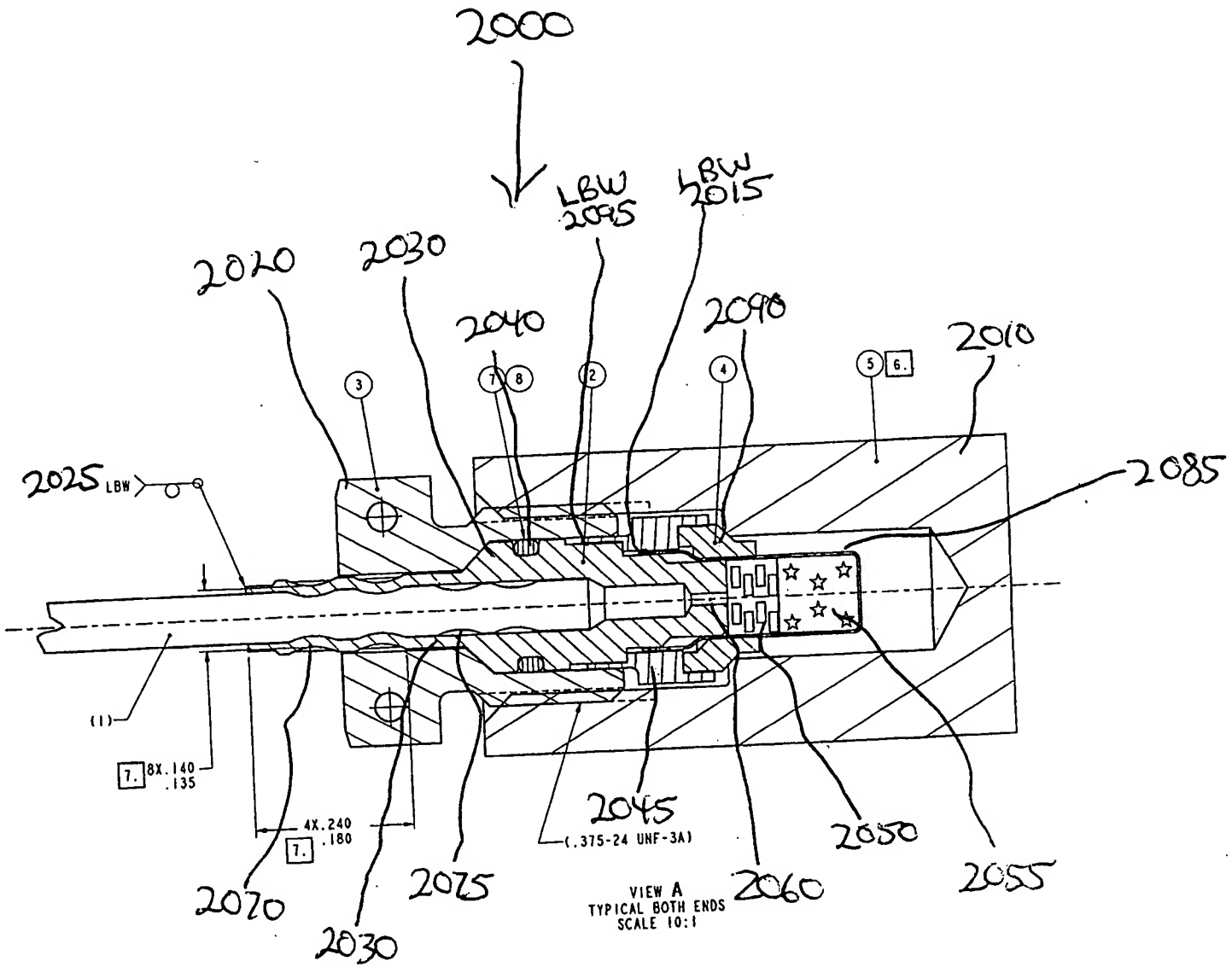

2000
LBW 2095
LBW 2015
2020
2030
2040
2090
2010
2085
2025 LBW
(1)
7. 8X .140 .135
4X .240 .180
7.
2070
2030
2075
2045
(.375-24 UNF-3A)
2060
2050
2055
VIEW A
TYPICAL BOTH ENDS
SCALE 10:1

Fig 21

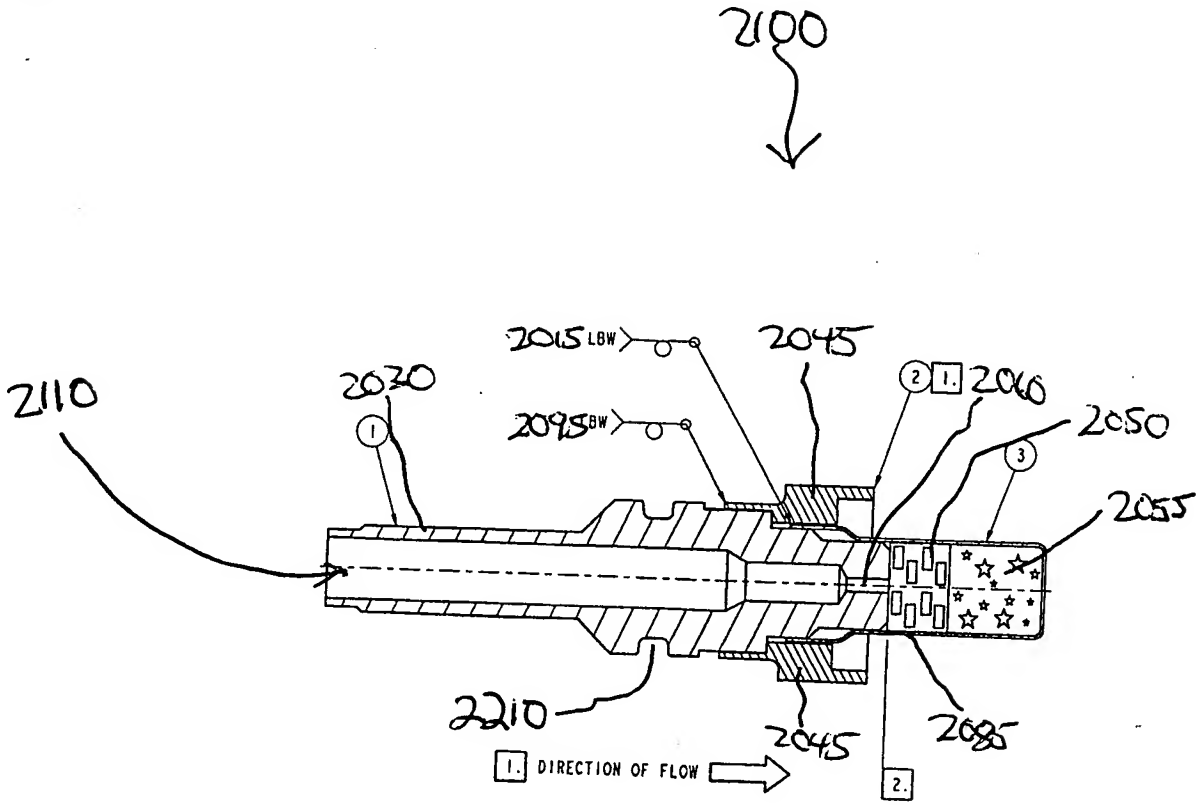

2100
2110
2030
2015 LBW
2095 BW
2045
2060
2050
2055
2210
2045
2085
1. DIRECTION OF FLOW
2.

Fig22A

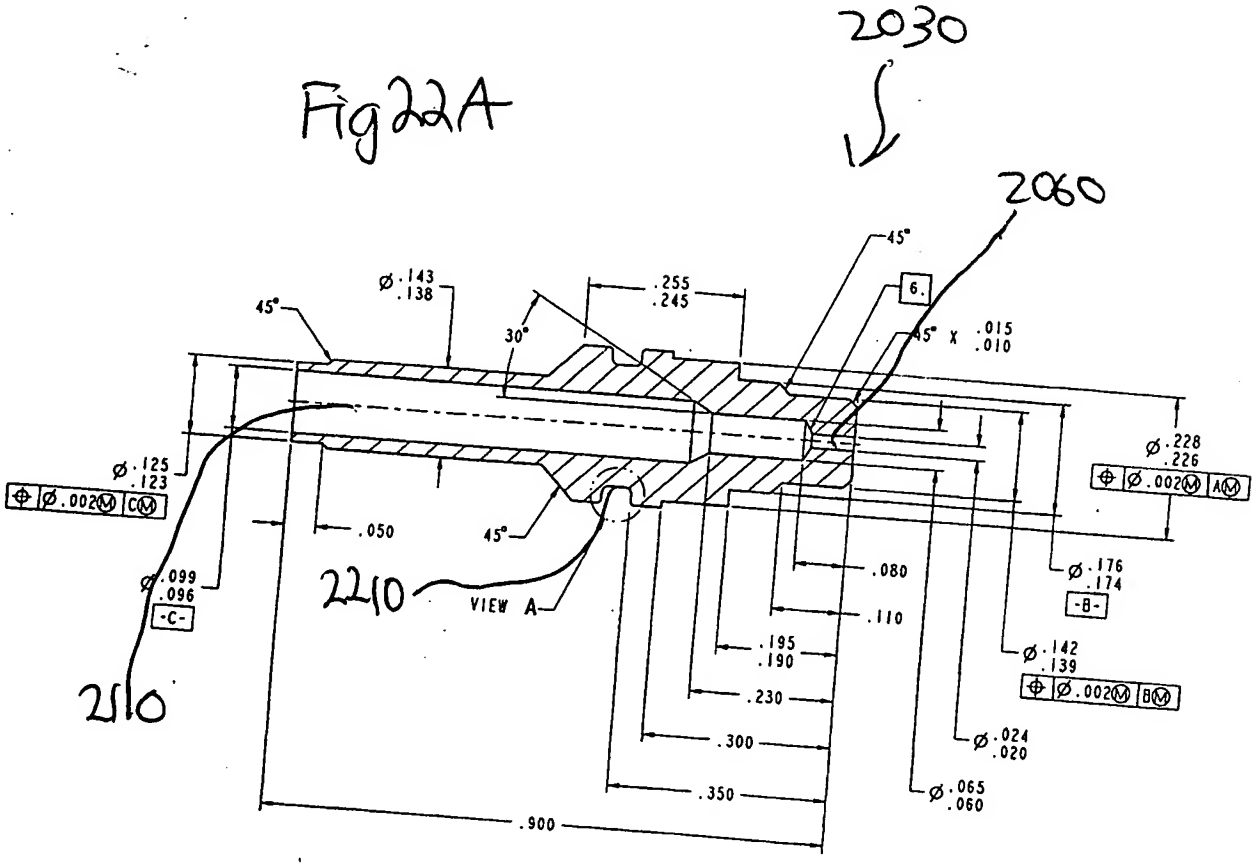


Fig22B

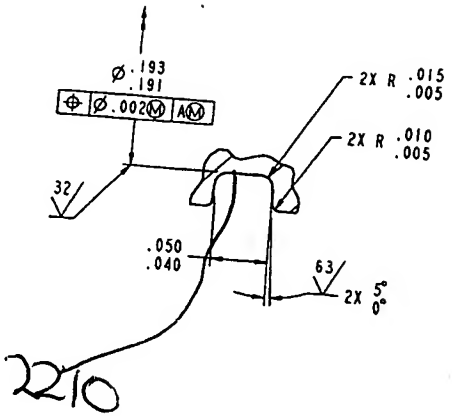
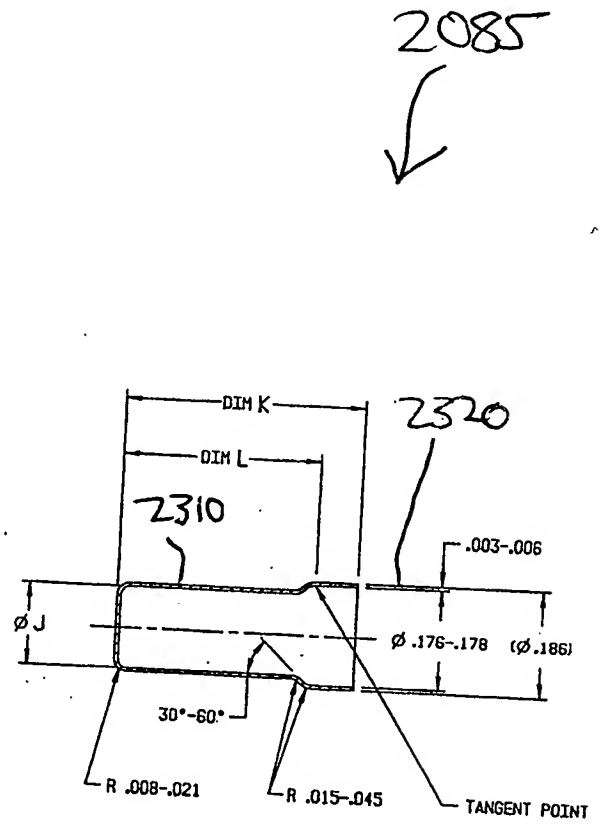


Fig23


2085
DIM K
DIM L
2310
2320
.003-.006
ØJ
Ø .176-.178
(Ø.186)
30°-60°
R .008-.021
R .015-.045
TANGENT POINT

20T0E0"6905800T

Fig 24

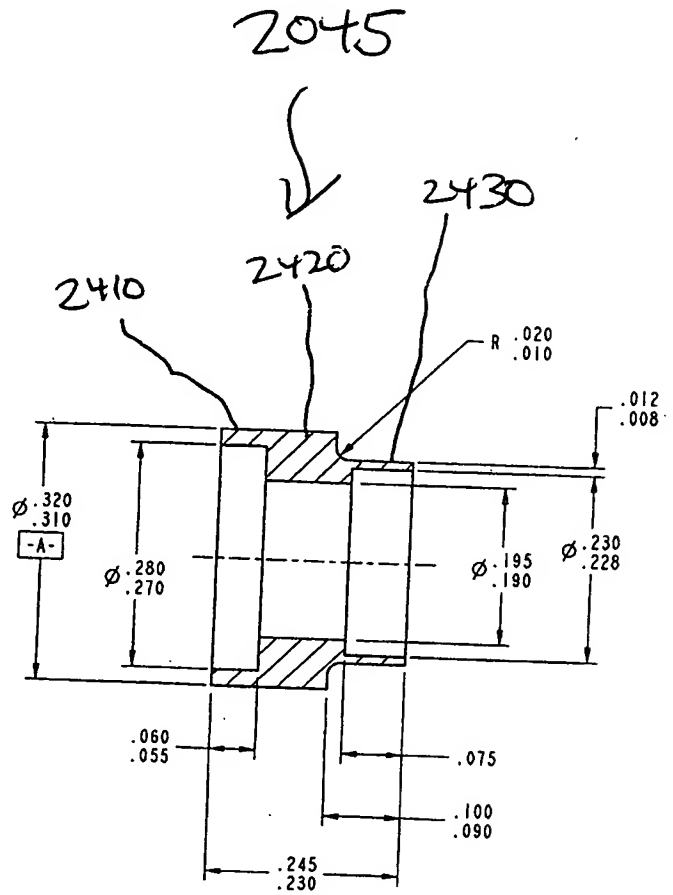


Fig 25A

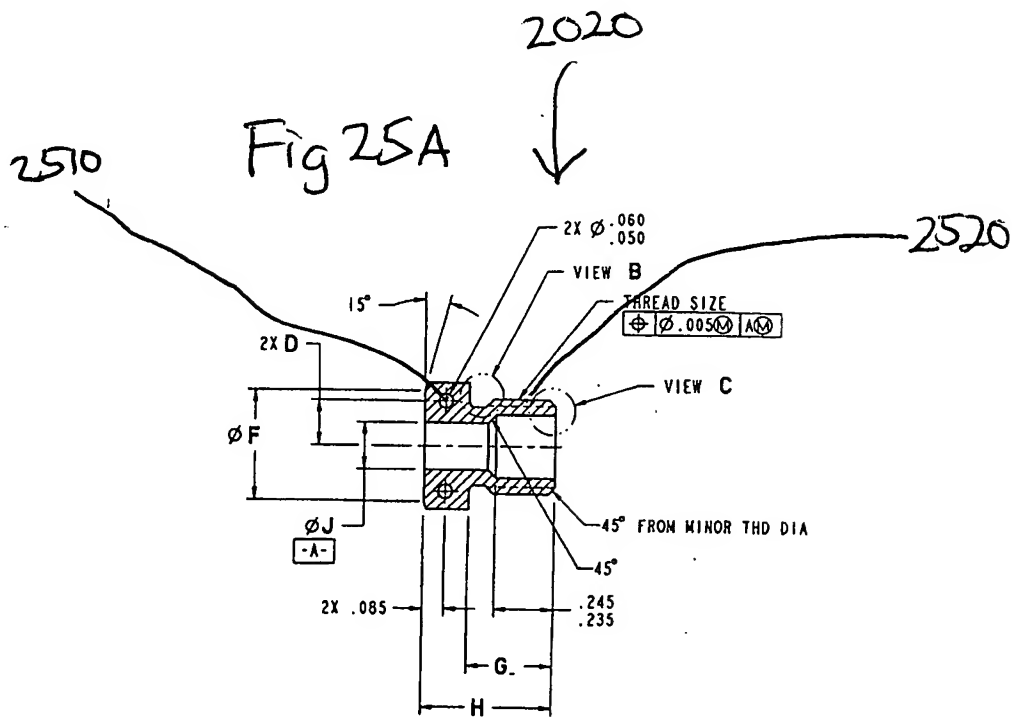
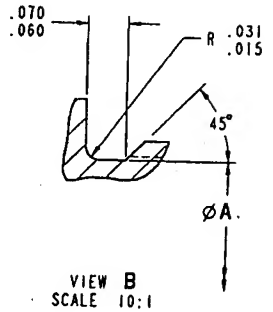
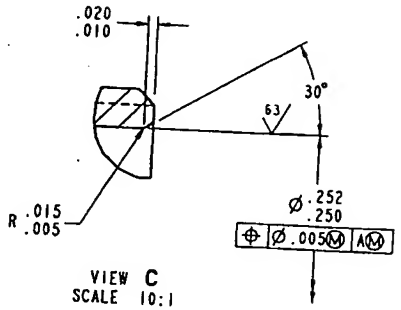


Fig 25B



VIEW B
SCALE 10:1

Fig 25C



VIEW C
SCALE 10:1

Fig26A

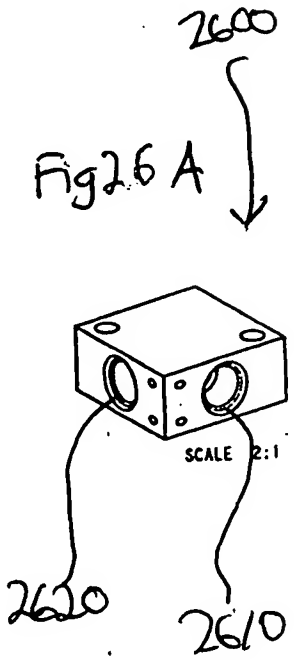


Fig26B

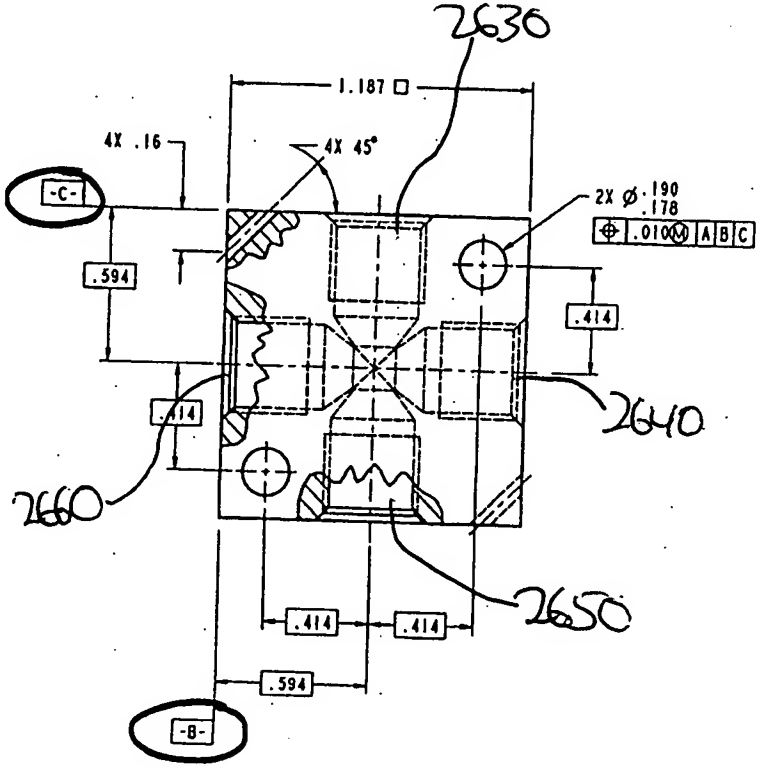


Fig26C

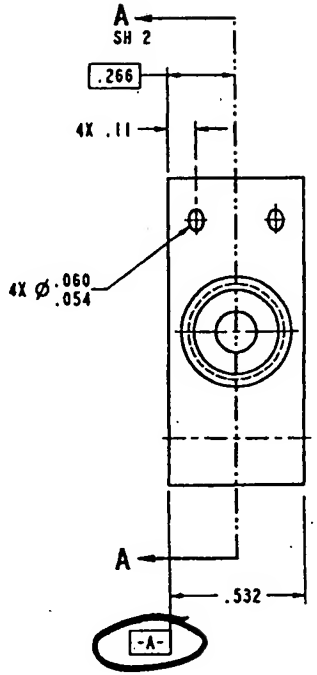


Fig26D

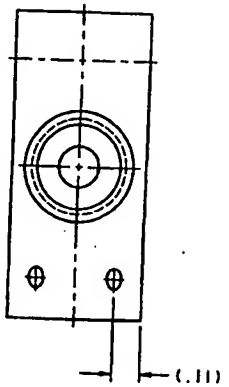


Fig 26E

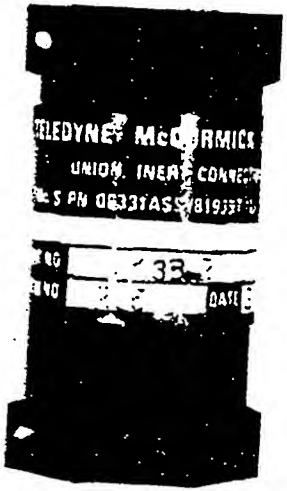


Fig 26F

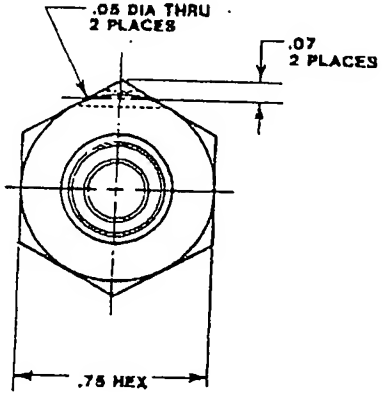
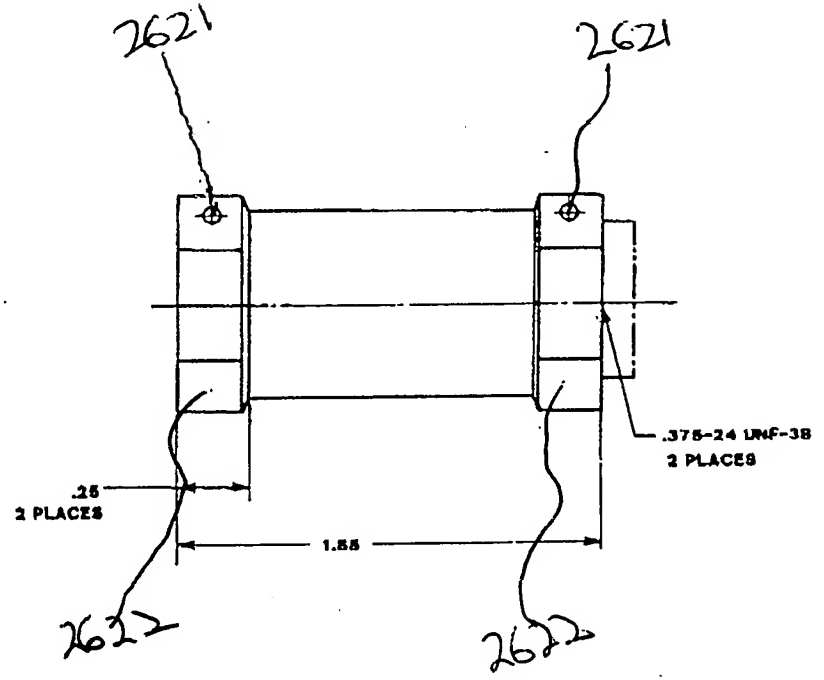


Fig 26G



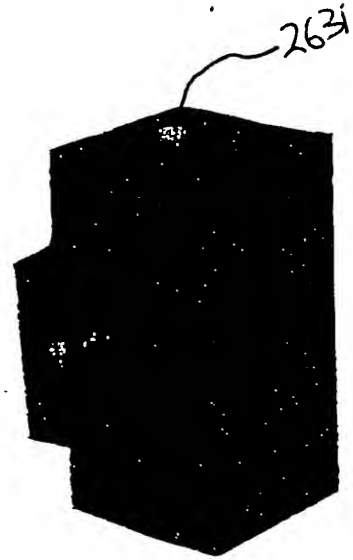


Fig 26H

2630

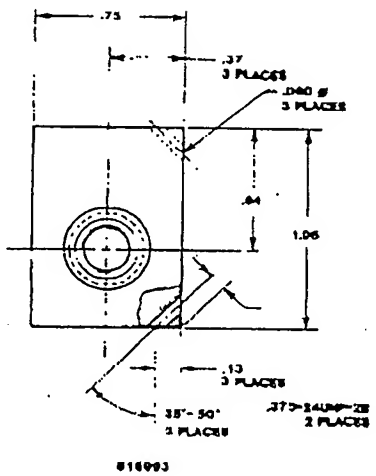


Fig 26I

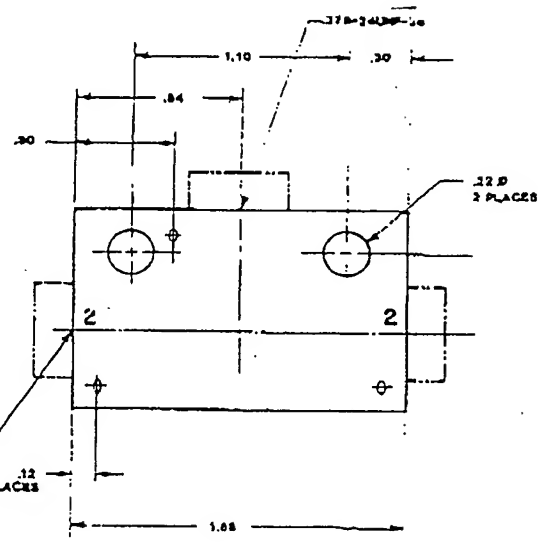


Fig 26J

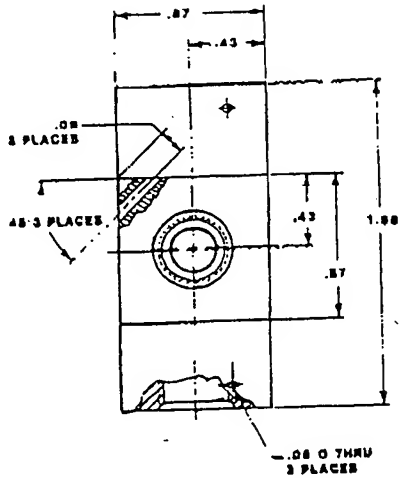


Fig 26K

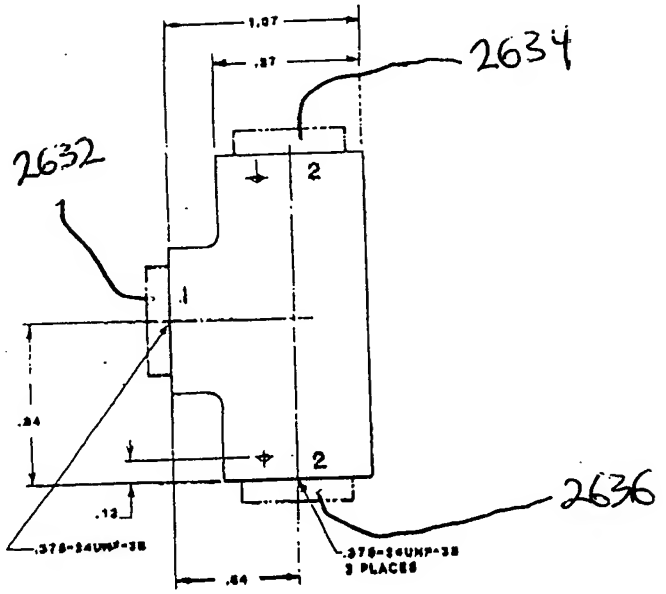
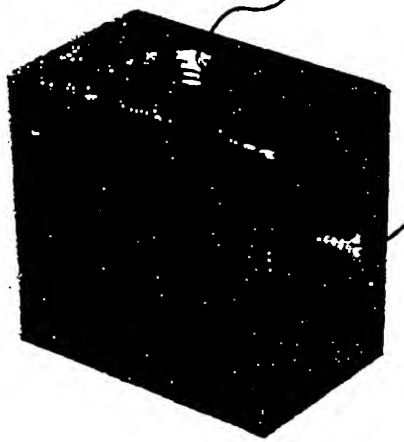


Fig 26L

Fig26M



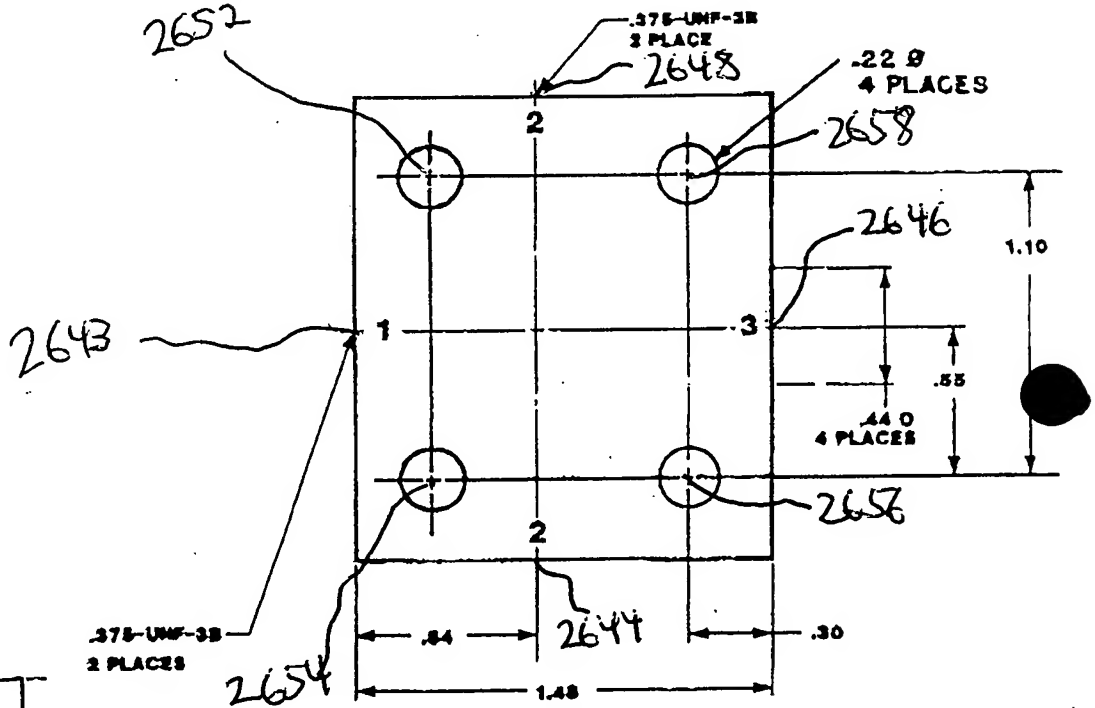
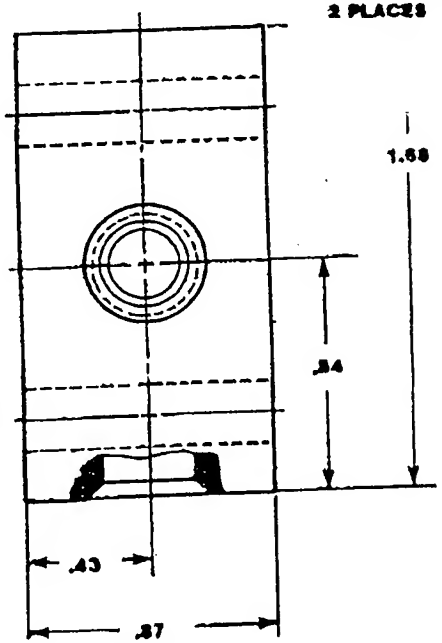


Fig26O

Fig26N



816909

Fig 27

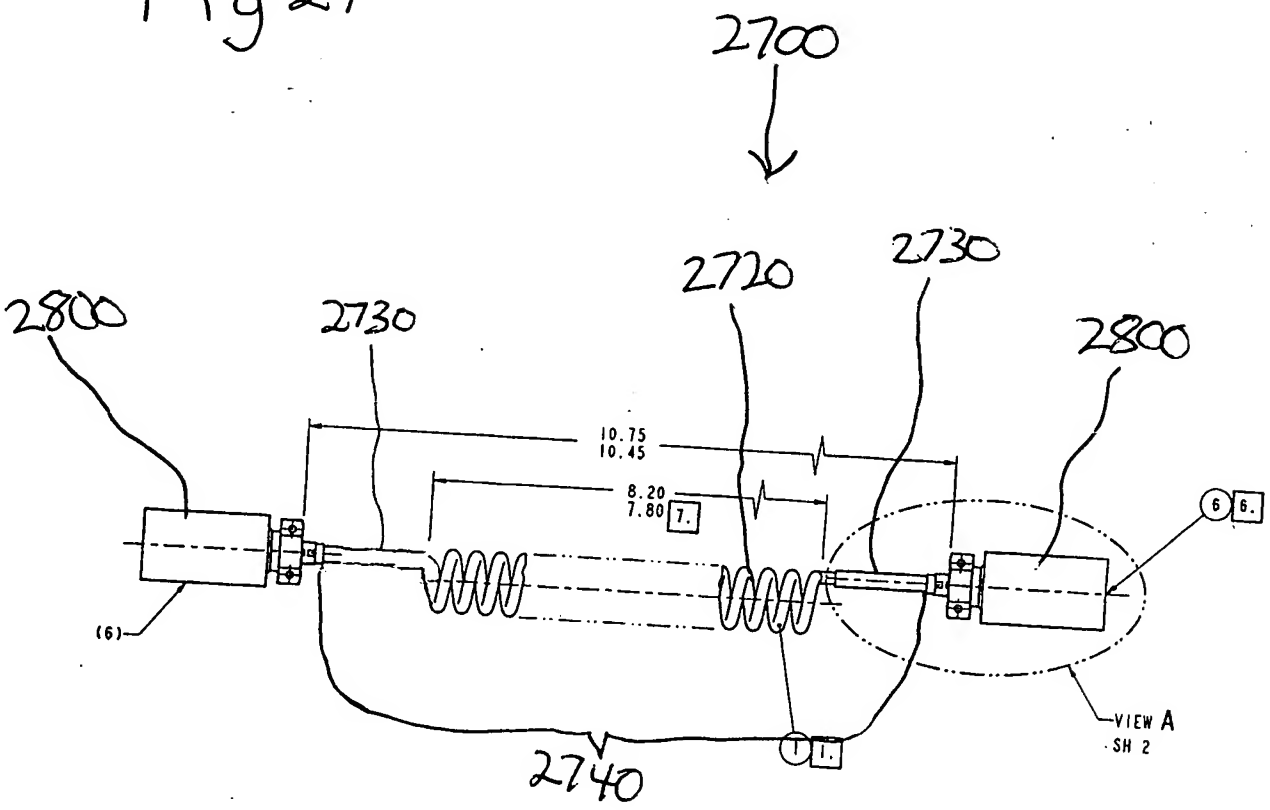

2700
2800
2730
2720
2730
2800
10.75
10.45
8.20
7.80
7.
6
6.
(6)
VIEW A
SH 2
1
1.
2740

Fig 28

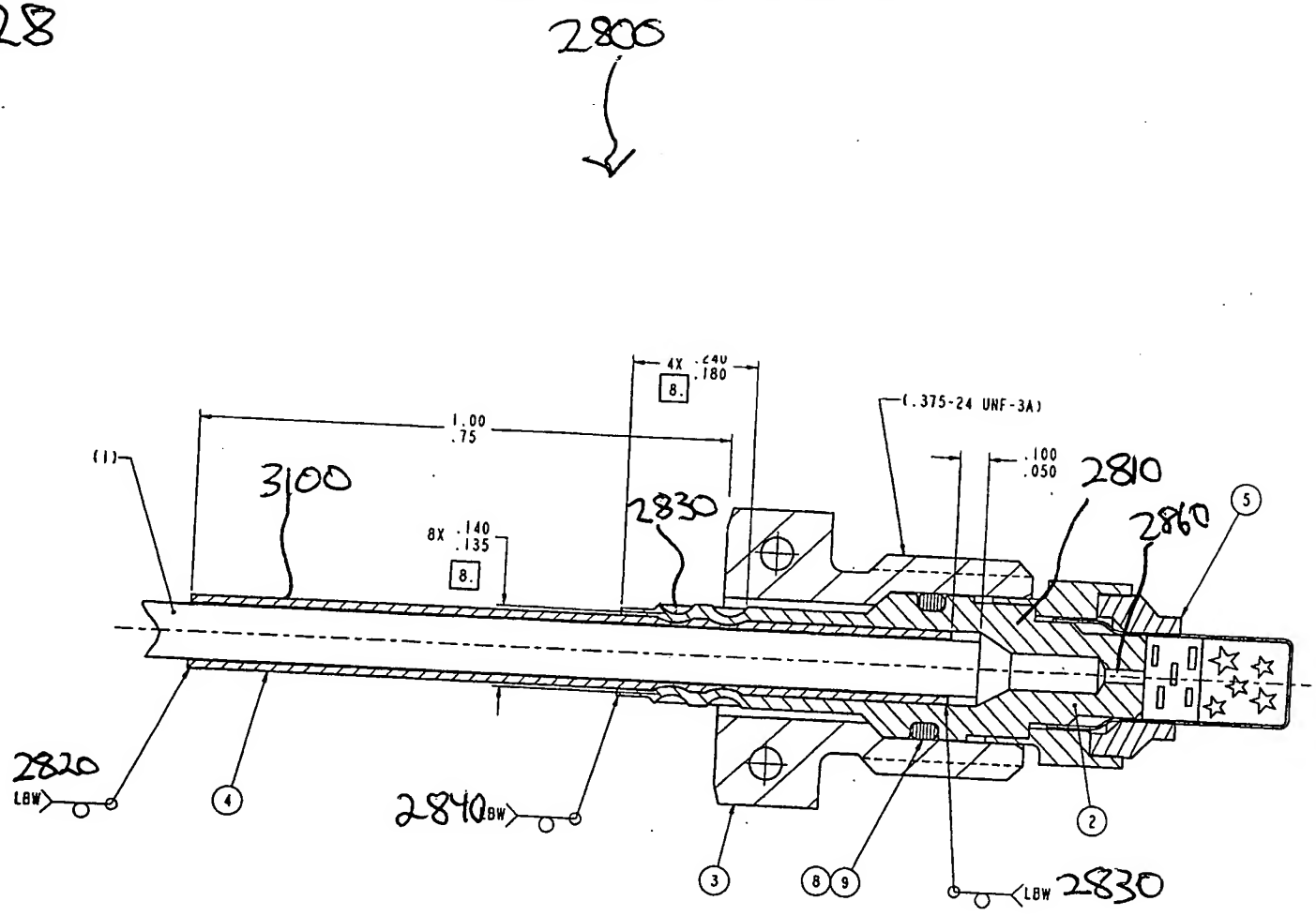

2800
4X .240
.180
8.
1.00
.75
(.375-24 UNF-3A)
.100
.050
3100
2830
2810
2860
8X .140
.135
8.
(1)
5
2820
LBW
4
2840 BW
3
8
9
2
LBW
2830

Fig 29

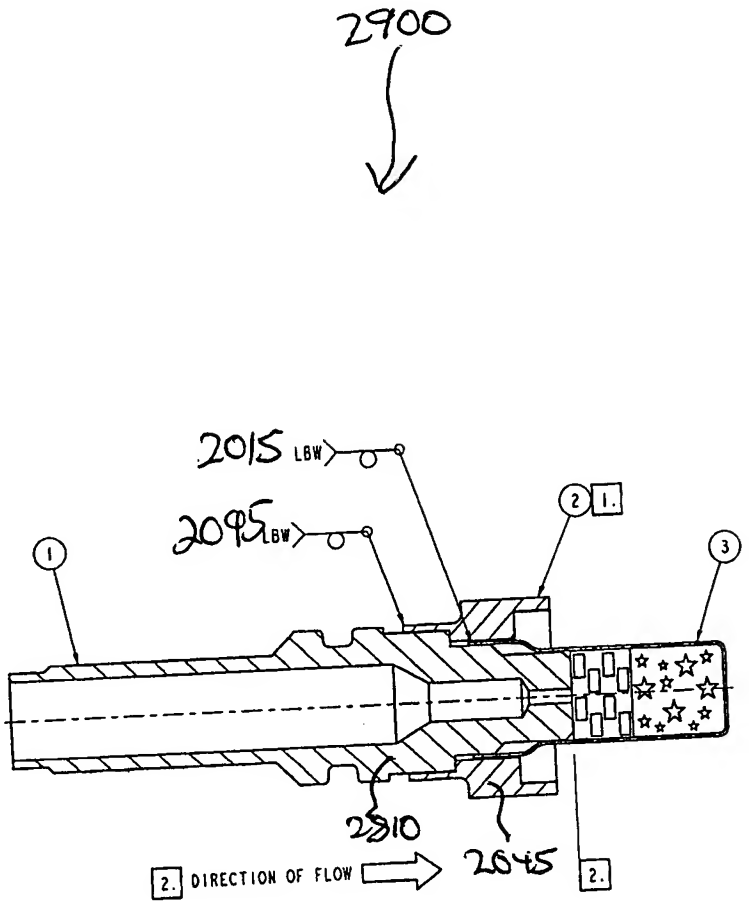


Fig30A

2810

3010

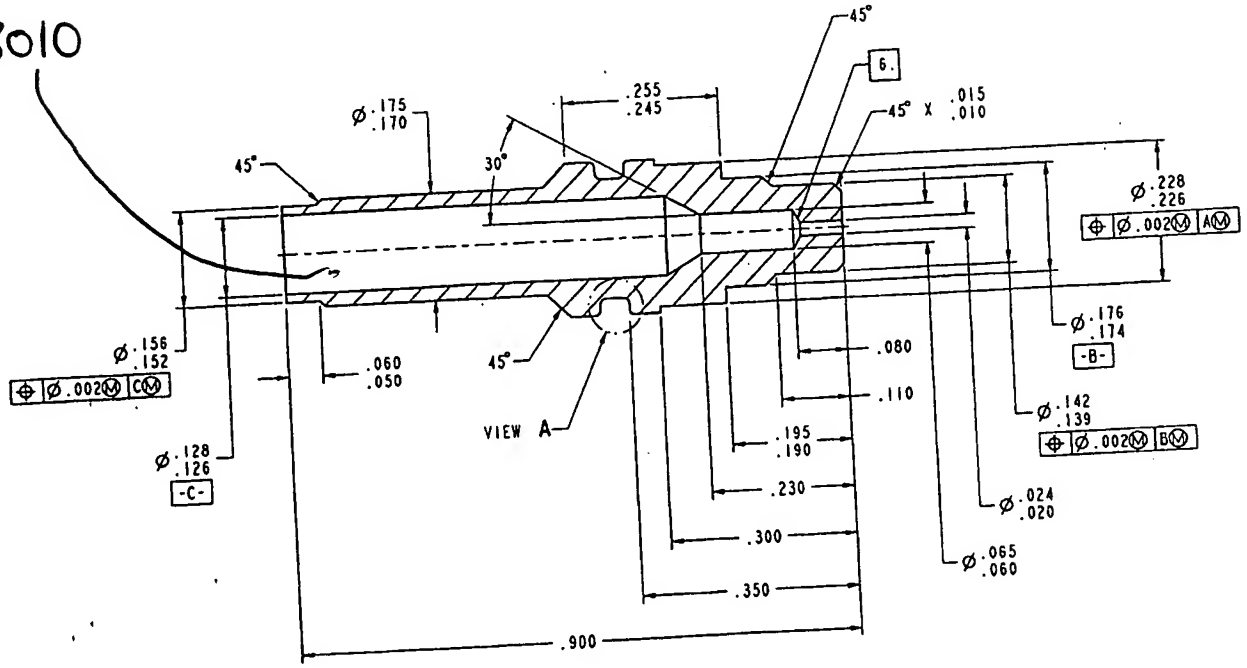
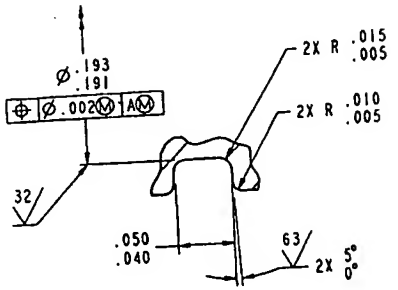


Fig30B



VIEW A
SCALE 20..

20TOEO" 6905800T

Fig31

3100

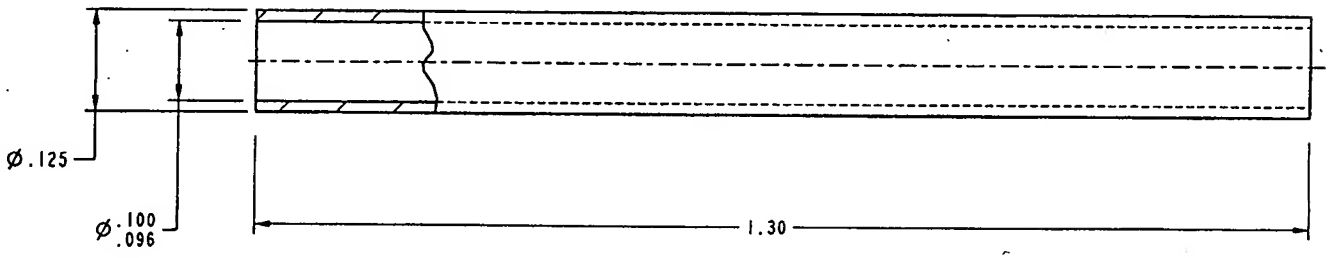


Fig 32

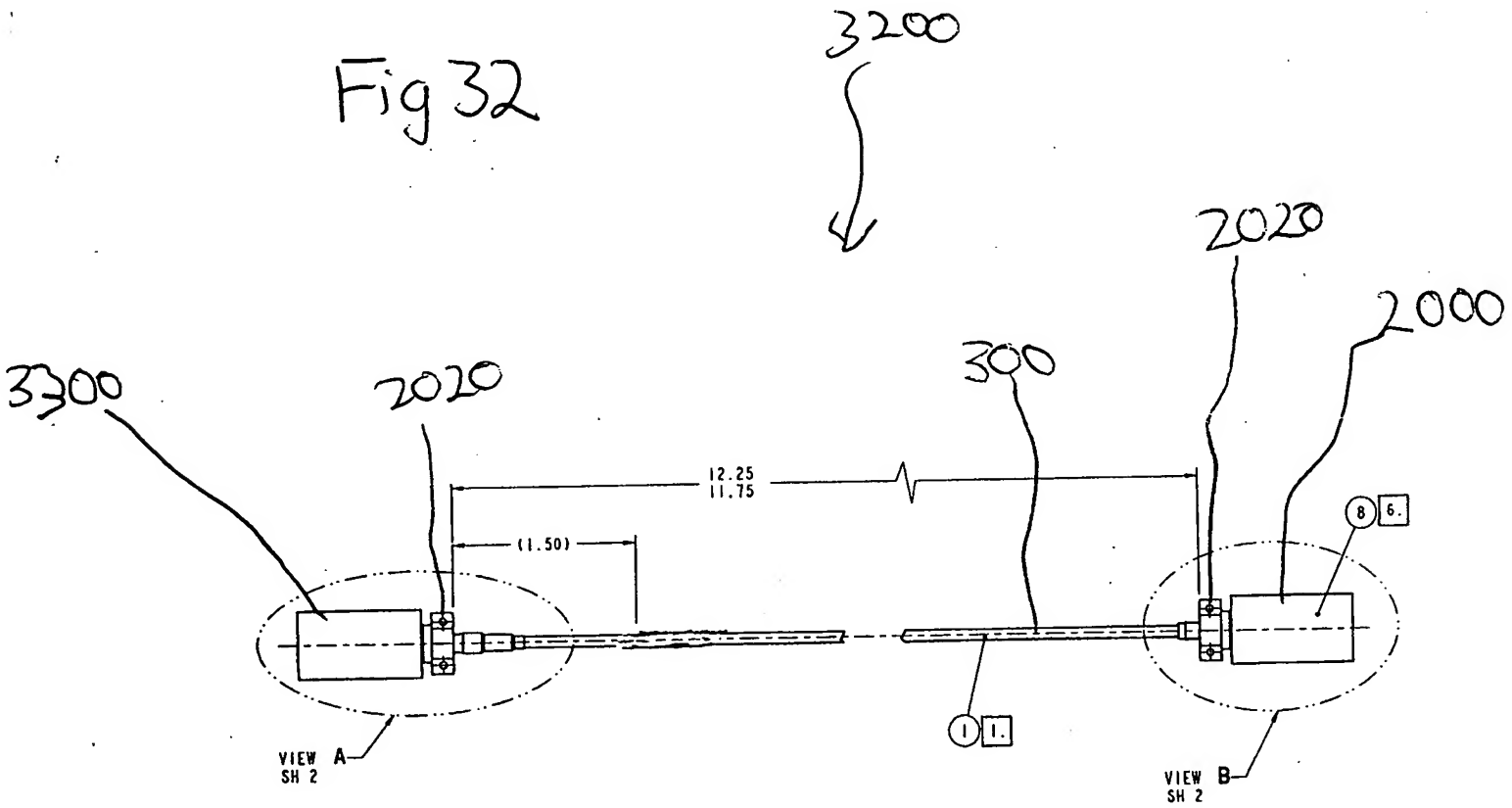
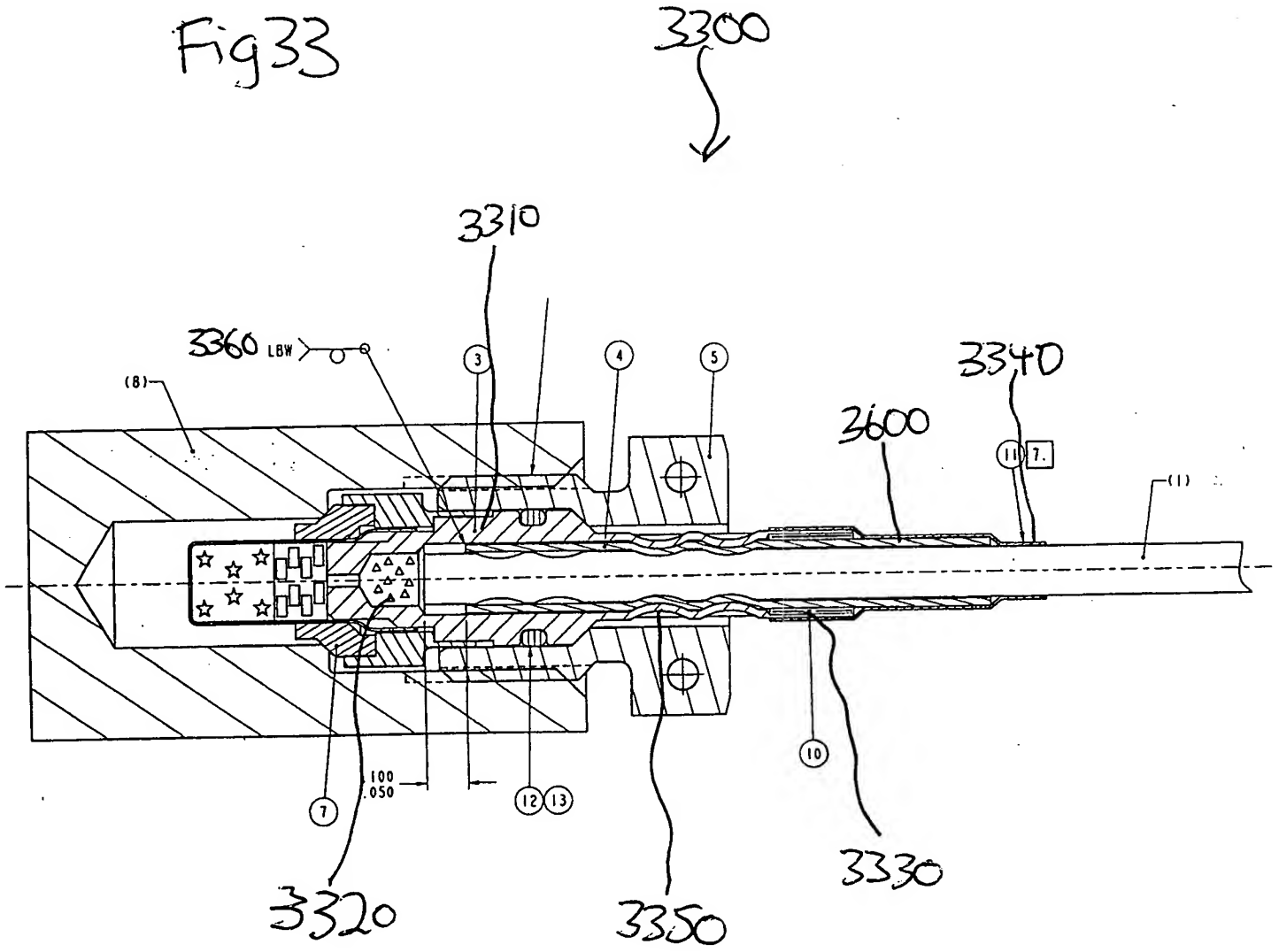

3200
2020
2000
3300
2020
300
12.25
11.75
(1.50)
8
6.
1
1.
VIEW A
SH 2
VIEW B
SH 2

Fig33


3300
3310
3360
LBW
(8)
3
4
5
3340
3600
11
7.
(1)
100
.050
7
12
13
10
3320
3350
3330

20T0E0"6905800T

Fig 34

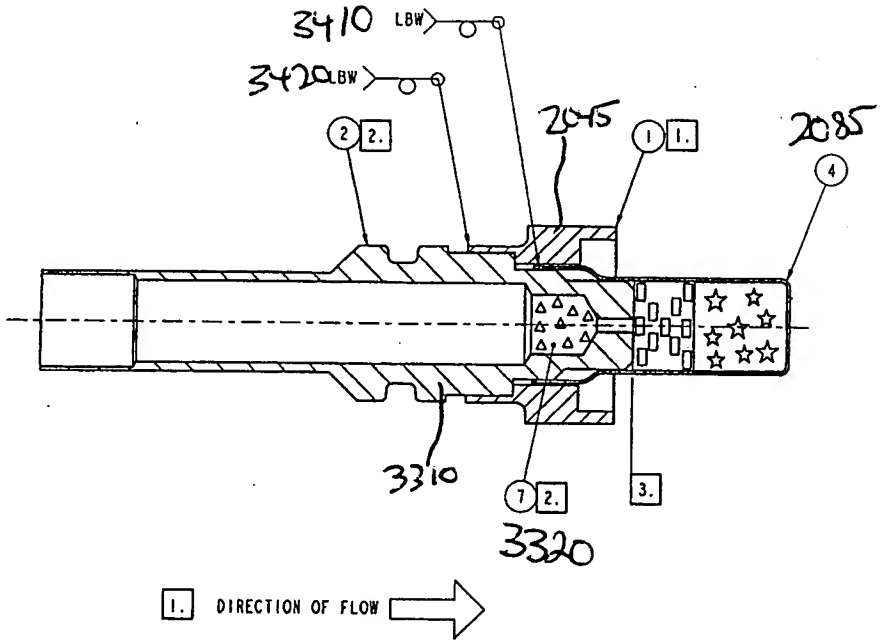


Fig35A

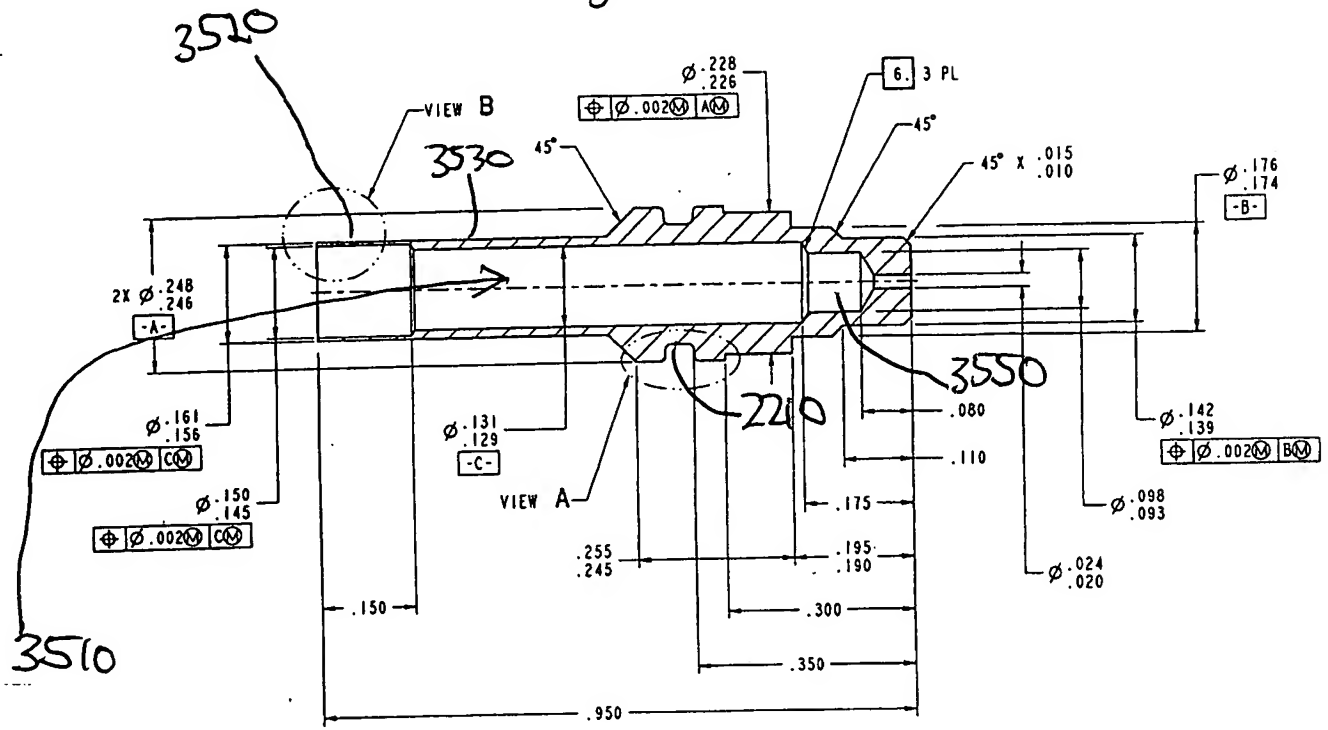
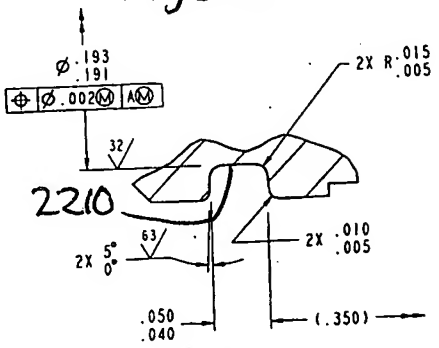


Fig35B



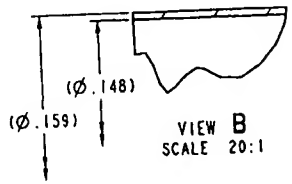


Fig35C

3600

Fig36A

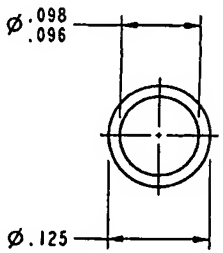
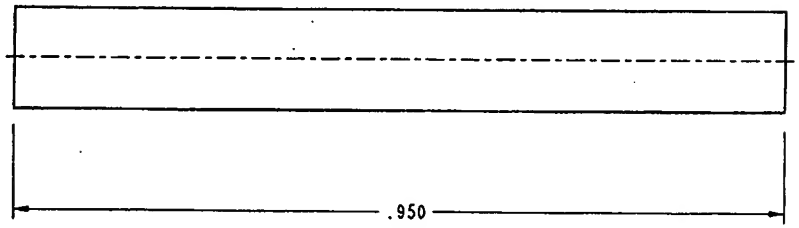


Fig36B

3600